

Lab Name	Lab. Sample	Lab Job #	BASIN	NEW SITE STRM_DESCR	NEW SITE	OLD SITE D
	Lab. Design	Lab. Project	Report I. D.			
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas blw Silvertn	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas R. @ Gage blw Silvertn	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas Gauge below Silvertn	A72	A72
CDPHE			UA	Animas G Animas	A72	A72
CDPHE			UA	Animas G Animas	A72	A72

CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas Gauge below Silverton	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GANIMAS BLW SILVERTON	A72	A72
USGS		UA	Animas Gauge below Silverton	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
USGS		UA	Animas Gauge below Silverton	A72	A72
USGS		UA	Animas Gauge below Silverton	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
USGS		UA	Animas Gauge below Silverton	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
USGS		UA	Animas Gauge below Silverton	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
		UA	Animas GUpper Animas River	A72	A72
		UA	Animas GUpper Animas River	A72	A72
USGS		UA	Animas Gauge below Silverton	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
		UA	Animas GGaging Station	A72	A72
CDPHE		UA	Animas GAnimas	A72	A72
		UA	Animas GAnimas blw Silvertn	A72	A72
		UA	Animas GAnimas blw Silvertn	A72	A72
USGS		UA	Animas Gauge below Silverton	A72	A72

CDPHE		UA	Animas G Animas	A72	A72
Acculab		UA	Animas G Animas blw Silvertn	A72	A72
USGS		UA	Animas Gauge below Silverton	A72	A72
USGS		UA	Animas Gauge below Silverton	A72	A72
CDPHE		UA	Animas G Animas	A72	A72
USGS		UA	Animas Gauge below Silverton	A72	A72
		UA	Animas G Upper Animas River	A72	A72
		UA	Animas G Upper Animas River	A72	A72
		UA	Animas G Upper Animas River	A72	A72
		UA	Animas G Upper Animas River	A72	A72
		UA	Animas G Upper Animas River	A72	A72
USGS		UA	Animas Gauge below Silverton	A72	A72
		UA	Animas G Upper Animas River	A72	A72
EPA		UA	Animas G Upper Animas River	A72	A72
		UA	Animas G Silverton Co. G.S. Gauge	A72	A72
		UA	Animas G Upper Animas River	A72	A72
		UA	Animas G Upper Animas River	A72	A72
		UA	Animas G Upper Animas River	A72	A72
USGS		UA	Animas G Upper Animas River	A72	A72
USGS		UA	Animas Gauge below Silverton	A72	
		UA	ANIMAS RIVER BELOW SILVERTON, CO	A72	
		UA	Animas G Upper Animas River	A72	A72
		UA	Animas G Upper Animas River	A72	A72
		UA	Animas G Upper Animas River	A72	A72
		UA	Animas G Upper Animas River	A72	A72
USGS		UA	Animas Gauge below Silverton	A72	
USGS		UA	Animas Gauge below Silverton	A72	
		UA	Animas G Upper Animas River	A72	A72
		UA	Animas G Upper Animas River	A72	A72
USGS		UA	Animas Gauge below Silverton	A72	
USGS		UA	Animas Gauge below Silverton	A72	
		UA	Animas G Upper Animas River	A72	A72
		UA	Animas G Upper Animas River	A72	A72
		UA	Animas G Upper Animas River	A72	A72
		UA	Animas G Upper Animas River	A72	A72
USGS		UA	Animas Gauge below Silverton	A72	
		UA	Animas G Upper Animas River	A72	A72
		UA	Animas G Upper Animas River	A72	A72
		UA	Animas G Upper Animas River	A72	A72
		UA	Animas G Upper Animas River	A72	A72
USGS		UA	Animas Gauge below Silverton	A72	
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	A72	
		UA	Animas G Upper Animas River	A72	A72
		UA	Animas G Upper Animas River	A72	A72
		UA	Animas G Upper Animas River	A72	A72
USGS		UA	Animas G Upper Animas River	A72	A72
		UA	Animas Gauge below Silverton	A72	

USGS		UA	Animas G	Animas blw Silvertn	A72	
USGS		UA	Animas G	Animas blw Silvertn	A72	
USGS		UA	Animas G	Animas River Below	A72	
		UA	Animas G	Upper Animas River	A72	A72
		UA	Animas G	Upper Animas River	A72	A72
USGS		UA	Animas G	Animas River Below	A72	
USGS		UA	Animas G	Animas River Below	A72	
USGS		UA		ANIMAS RIVER BELOW SILVER	A72	
USGS		UA	Animas G	Animas River Below	A72	
USGS		UA	Animas G	Animas River Below	A72	
		UA	Animas G	Upper Animas River	A72	A72
		UA	Animas G	Upper Animas River	A72	A72
USGS		UA	Animas G	Animas River Below	A72	
USGS		UA	Animas G	Animas River Below	A72	
		UA	Animas G	Upper Animas River	A72	A72
		UA	Animas G	Animas	A72	A72
USGS		UA	Animas G	Animas blw Silvertn	A72	
USGS		UA		ANIMAS RIVER BELOW SILVER	A72	
		UA	Animas G	Animas	A72	A72
		UA	Animas G	Animas	A72	A72
USGS		UA	Animas G	Animas blw Silvertn	A72	
		UA	Animas G	Animas	A72	A72
		UA	Animas G	Animas	A72	A72
USGS		UA	Animas G	Animas blw Silvertn	A72	
USGS		UA		ANIMAS RIVER BELOW SILVER	A72	
		UA	Animas G	Animas	A72	A72
		UA	Animas G	Animas	A72	A72
USGS		UA	Animas G	Animas blw Silvertn	A72	
		UA	Animas G	Animas	A72	A72
		UA	Animas G	Animas	A72	A72
		UA	Animas G	Animas	A72	A72
		UA	Animas G	Animas	A72	A72
USGS		UA	Animas G	Animas River Below	A72	
		UA	Animas G	Animas	A72	A72
		UA	Animas G	Animas	A72	A72
USGS		UA	Animas G	Animas River Below	A72	
		UA	Animas G	Animas	A72	A72
		UA	Animas G	Animas	A72	A72
		UA	Animas G	Animas	A72	A72
		UA	Animas G	Animas	A72	A72
USGS		UA	Animas G	Animas River Below	A72	
USGS		UA	Animas G	Animas River Below	A72	
USGS		UA		ANIMAS RIVER BELOW SILVER	A72	
		UA	Animas G	Animas	A72	A72

		UA	Animas G Animas	A72	A72
USGS		UA	Animas G Animas River Below Silverton, C	A72	
USGS		UA	Animas G Animas River Below Silverton, C	A72	
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	A72	
		UA	Animas G Animas	A72	A72
		UA	Animas G Animas	A72	A72
USGS		UA	Animas G Animas River Below Silverton, C	A72	
USGS		UA	Animas G Animas River Below Silverton, C	A72	
		UA	Animas G Animas	A72	A72
		UA	Animas G Animas	A72	A72
USGS		UA	Animas G Animas River Below Silverton, C	A72	
USGS		UA	Animas G GAGE BLW SILVERTON, CO	A72	
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	A72	
		UA	Animas G Animas	A72	A72
		UA	Animas G Animas	A72	A72
EPA		UA	Animas G Animas Gage	A72	
EPA		UA	Animas G Animas Gage 7-8-98	A72	
		UA	Animas G Animas	A72	A72
		UA	Animas G Animas	A72	A72
USGS		UA	Animas G GAGE BLW SILVERTON, CO	A72	
		UA	Animas G Animas	A72	A72
		UA	Animas G Animas	A72	A72
		UA	Animas G Animas	A72	A72
		UA	Animas G Animas	A72	A72
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	A72	
		UA	Animas G Animas	A72	A72
		UA	Animas G Animas	A72	A72
		UA	Animas G Animas	A72	A72
		UA	Animas G Animas	A72	A72
		UA	Animas G Animas	A72	A72
USGS		UA	Animas G Animas	A72	A72
USGS		UA	Animas G Gaging Station	A72	
		UA	Animas G Animas	A72	A72
		UA	Animas G Animas	A72	A72
		UA	Animas G Animas	A72	A72
		UA	Animas G Animas	A72	A72
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	A72	
USGS		UA	Animas G GAGE BLW SILVERTON, CO	A72	
		UA	Animas G Animas	A72	A72
		UA	Animas G Animas	A72	A72
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	A72	
		UA	Animas G Animas	A72	A72
		UA	Animas G Animas	A72	A72
EPA		UA	Animas G Animas Gage	A72	
		UA	Animas G Animas	A72	A72
		UA	Animas Gauge below Silverton	A72	A72
IML		UA	Animas Gauge below Silverton	A72	

ACZ		UA
USGS		UA
USGS		UA
IML		UA
ACZ		UA
IML		UA
ACZ		UA
IML		UA
ACZ		UA
USGS		UA
IML		UA
ACZ		UA
IML		UA
ACZ		UA
IML		UA
ACZ		UA
IML		UA
ACZ		UA
IML		UA
ACZ		UA
USGS		UA
AML program		UA
IML		UA
ACZ		UA
USGS		UA
AML program		UA
IML		UA
ACZ		UA
AML program		UA
IML		UA
ACZ		UA
AML program		UA
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ACZ		UA
USGS		UA
AML program		UA
IML		UA
ACZ		UA
AML program		UA
IML		UA
ACZ		UA
IML		UA
ACZ		UA
USGS		UA
AML program		UA
IML		UA
ACZ		UA

Animas Gauge below Silverton	A72	
Animas G GAGE BLW SILVERTON	A72	
ANIMAS RIVER BELOW SILVERTON, CO	A72	
Animas Gauge below Silverton	A72	
Animas Gauge below Silverton	A72	
Animas Gauge below Silverton	A72	
Animas Gauge below Silverton	A72	
Animas Gauge below Silverton	A72	
Animas Gauge below Silverton	A72	
ANIMAS RIVER BELOW SILVERTON, CO	A72	
Animas Gauge below Silverton	A72	
Animas Gauge below Silverton	A72	
Animas Gauge below Silverton	A72	
Animas Gauge below Silverton	A72	
Animas Gauge below Silverton	A72	
Animas Gauge below Silverton	A72	
Animas Gauge below Silverton	A72	
Animas Gauge below Silverton	A72	
ANIMAS RIVER BELOW SILVERTON, CO	A72	
Animas River downstream from Silverton, Colorado	A72	
Animas Gauge below Silverton	A72	
Animas Gauge below Silverton	A72	
ANIMAS RIVER BELOW SILVERTON, CO	A72	
Animas River downstream from Silverton, Colorado	A72	
Animas Gauge below Silverton	A72	
Animas Gauge below Silverton	A72	
Animas River downstream from Silverton, Colorado	A72	
Animas Gauge below Silverton	A72	
Animas Gauge below Silverton	A72	
ANIMAS RIVER BELOW SILVERTON, CO	A72	
Animas River downstream from Silverton, Colorado	A72	
Animas Gauge below Silverton	A72	
Animas Gauge below Silverton	A72	
Animas River downstream from Silverton, Colorado	A72	
Animas Gauge below Silverton	A72	
Animas Gauge below Silverton	A72	
Animas Gauge below Silverton	A72	
ANIMAS RIVER BELOW SILVERTON, CO	A72	
Animas River downstream from Silverton, Colorado	A72	
Animas Gauge below Silverton	A72	
Animas Gauge below Silverton	A72	

IML		UA	Animas Gauge below Silverton	A72	
ACZ		UA	Animas Gauge below Silverton	A72	
IML		UA	Animas Gauge below Silverton	A72	
ACZ		UA	Animas Gauge below Silverton	A72	
IML		UA	Animas Gauge below Silverton	A72	
ACZ		UA	Animas Gauge below Silverton	A72	
IML		UA	Animas Gauge below Silverton	A72	
ACZ		UA	Animas Gauge below Silverton	A72	
AML program		UA	Animas River downstream from Silverton, Colorado		
IML		UA	Animas Gauge below Silverton	A72	
ACZ		UA	Animas Gauge below Silverton	A72	
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO		
IML		UA	Animas Gauge below Silverton	A72	
ACZ		UA	Animas Gauge below Silverton	A72	
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO		
IML		UA	Animas Gauge below Silverton	A72	
ACZ		UA	Animas Gauge below Silverton	A72	
IML		UA	Animas Gauge below Silverton	A72	
ACZ		UA	Animas Gauge below Silverton	A72	
IML		UA	Animas Gauge below Silverton	A72	
ACZ		UA	Animas Gauge below Silverton	A72	
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO		
AML program		UA	Animas River downstream from Silverton, Colorado		
IML		UA	Animas Gauge below Silverton	A72	
ACZ		UA	Animas Gauge below Silverton	A72	
IML		UA	Animas Gauge below Silverton	A72	
ACZ		UA	Animas Gauge below Silverton	A72	
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO		
IML		UA	Animas Gauge below Silverton	A72	
ACZ		UA	Animas Gauge below Silverton	A72	
IML		UA	Animas Gauge below Silverton	A72	
ACZ		UA	Animas Gauge below Silverton	A72	
IML		UA	Animas Gauge below Silverton	A72	
ACZ		UA	Animas Gauge below Silverton	A72	
IML		UA	Animas Gauge below Silverton	A72	
ACZ		UA	Animas Gauge below Silverton	A72	
IML		UA	Animas Gauge below Silverton	A72	
ACZ		UA	Animas Gauge below Silverton	A72	
IML		UA	Animas Gauge below Silverton	A72	
ACZ		UA	Animas Gauge below Silverton	A72	
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO		
IML		UA	Animas Gauge below Silverton	A72	
ACZ		UA	Animas Gauge below Silverton	A72	
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO		
IML		UA	Animas Gauge below Silverton	A72	
ACZ		UA	Animas Gauge below Silverton	A72	
IML		UA	Animas Gauge below Silverton	A72	

ACZ		UA	Animas Gauge below SilvertonA72	
USGS		UA	ANIMAS RIVER BELOW SILVERA72N, CO	
IML		UA	Animas Gauge below SilvertonA72	
ACZ		UA	Animas Gauge below SilvertonA72	
IML		UA	Animas Gauge below SilvertonA72	
ACZ		UA	Animas Gauge below SilvertonA72	
IML		UA	Animas Gauge below SilvertonA72	
ACZ		UA	Animas Gauge below SilvertonA72	
IML		UA	Animas Gauge below SilvertonA72	
ACZ		UA	Animas Gauge below SilvertonA72	
IML		UA	Animas Gauge below SilvertonA72	
ACZ		UA	Animas Gauge below SilvertonA72	
USGS		UA	ANIMAS RIVER BELOW SILVERA72N, CO	
IML		UA	Animas Gauge below SilvertonA72	
ACZ		UA	Animas Gauge below SilvertonA72	
CDOW	3611.001	UA	Animas Gauge below SilvertonA72	
IML		UA	Animas Gauge below SilvertonA72	
IML		UA	Animas Gauge below SilvertonA72	
CDOW	3611.002	UA	Animas Gauge below SilvertonA72	
CDOW	3611.003	UA	Animas Gauge below SilvertonA72	
USGS		UA	ANIMAS RIVER BELOW SILVERA72N, CO	
IML		UA	Animas Gauge below SilvertonA72	
Energy LalC0305032'C03050327		UA	Animas GAnimas A72 A72	
CDOW	3611.004	UA	Animas Gauge below SilvertonA72	
USGS		UA	ANIMAS RIVER BELOW SILVERA72N, CO	
CDOW	3611.005	UA	Animas Gauge below SilvertonA72	
Energy LalC0307023'C03070233		UA	Animas GAnimas A72 A72	
CDOW	3611.006	UA	Animas Gauge below SilvertonA72	
IML		UA	Animas Gauge below SilvertonA72	
USGS		UA	ANIMAS RIVER BELOW SILVERA72N, CO	
CDOW	3611.007	UA	Animas Gauge below SilvertonA72	
IML		UA	Animas Gauge below SilvertonA72	
Energy Laboratories		UA	Animas Gauge below SilvertonA72	
CDOW	3611.008	UA	Animas Gauge below SilvertonA72	
CDOW	3611.009	UA	Animas Gauge below SilvertonA72	
USGS		UA	ANIMAS RIVER BELOW SILVERA72N, CO	
IML		UA	Animas Gauge below SilvertonA72	
Energy LalC03110261-002		UA	Animas Gauge below SilvertonA72	
IML		UA	Animas Gauge below SilvertonA72	
CDOW	3611.010	UA	Animas Gauge below SilvertonA72	
Energy LalC04030243-004		UA	Animas Gauge below SilvertonA72	
IML		UA	Animas Gauge below SilvertonA72	
CDOW	3611.011	UA	Animas Gauge below SilvertonA72	
CDOW	3611.012	UA	Animas Gauge below SilvertonA72	
Energy LalC04050280-002		UA	Animas Gauge below SilvertonA72	
CDOW	3611.013	UA	Animas Gauge below SilvertonA72	
IML		UA	Animas Gauge below SilvertonA72	

USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	
CDOW	3611.014	UA	Animas Gauge below Silverton	A72
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	
CDOW	3611.015	UA	Animas Gauge below Silverton	A72
Energy Laboratories, Inc	C04070459-002	UA	Animas Gauge below Silverton	A72
CDOW	3611.016	UA	Animas Gauge below Silverton	A72
IML		UA	Animas Gauge below Silverton	A72
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	
CDOW	3611.017	UA	Animas Gauge below Silverton	A72
Energy Laboratories, Inc	C04090141-001	UA	Animas Gauge below Silverton	A72
IML		UA	Animas Gauge below Silverton	A72
CDOW	3611.018	UA	Animas Gauge below Silverton	A72
CDOW	3611.019	UA	Animas Gauge below Silverton	A72
IML		UA	Animas Gauge below Silverton	A72
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	
Energy Laboratories, Inc	C04110529-001	UA	Animas Gauge below Silverton	A72
CDOW	3611.020	UA	Animas Gauge below Silverton	A72
CDOW	3611.021	UA	Animas Gauge below Silverton	A72
CDOW	3611.022	UA	Animas Gauge below Silverton	A72
CDOW	3611.023	UA	Animas Gauge below Silverton	A72
CDOW	3611.024	UA	Animas Gauge below Silverton	A72
CDOW	3611.025	UA	Animas Gauge below Silverton	A72
Energy Laboratories, Inc			Animas Gauge below Silverton	A72
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	
CDOW	3611.026	UA	Animas Gauge below Silverton	A72
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	
Energy Laboratories, Inc			Animas Gauge below Silverton	A72
Energy Laboratories, Inc		UA	Animas Gauge below Silverton	A72
CDOW	3611.027	UA	Animas Gauge below Silverton	A72
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	
CDOW	3611.028	UA	Animas Gauge below Silverton	A72
CDOW	3611.028	UA	Animas Gauge below Silverton	A72
CDOW	3611.029	UA	Animas Gauge below Silverton	A72
CDOW	3611.029	UA	Animas Gauge below Silverton	A72
Energy Laboratories, Inc			Animas Gauge below Silverton	A72
Energy Laboratories, Inc		UA	Animas Gauge below Silverton	A72
CDOW	3611.03	UA	Animas Gauge below Silverton	A72
CDOW	3611.03	UA	Animas Gauge below Silverton	A72
WQCD		UA	ANIMAS RIVER NEAR SILVERTON	
Energy Laboratories, Inc			Animas Gauge below Silverton	A72
CDOW	3611.031	UA	Animas Gauge below Silverton	A72
CDOW	3611.031	UA	Animas Gauge below Silverton	A72
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	
CDOW	3611.032	UA	Animas Gauge below Silverton	A72
CDOW	3611.032	UA	Animas Gauge below Silverton	A72
CDOW	3611.033	UA	Animas Gauge below Silverton	A72

CDOW	3611.034		UA	Animas Gauge below Silverton	A72	
CDOW	3611.033		UA	Animas Gauge below Silverton	A72	
USGS			UA	ANIMAS RIVER BELOW SILVERTON	A72	CO
CDOW	3611.034		UA	Animas Gauge below Silverton	A72	
Energy Laboratories, Inc			UA	Animas Gauge below Silverton	A72	
USGS			UA	ANIMAS RIVER BELOW SILVERTON	A72	CO
WQCD			UA	ANIMAS RIVER NEAR SILVERTON		
CDOW	3611.035		UA	Animas Gauge below Silverton	A72	
CDOW	3611.035		UA	Animas Gauge below Silverton	A72	
WQCD			UA	ANIMAS RIVER NEAR SILVERTON		
CDOW	3611.036		UA	Animas Gauge below Silverton	A72	
CDOW	3611.036		UA	Animas Gauge below Silverton	A72	
Energy Laboratories, Inc			UA	Animas Gauge below Silverton	A72	
CDOW	3611.037		UA	Animas Gauge below Silverton	A72	
WQCD			UA	ANIMAS RIVER NEAR SILVERTON		
CDOW	3611.038		UA	Animas Gauge below Silverton	A72	
Energy Laboratories, Inc			UA	Animas Gauge below Silverton	A72	
USGS			UA	ANIMAS RIVER BELOW SILVERTON	A72	CO
CDOW	3611.039		UA	Animas Gauge below Silverton	A72	
USGS			UA	ANIMAS RIVER BELOW SILVERTON	A72	CO
CDOW	3611.04		UA	Animas Gauge below Silverton	A72	
Energy Laboratories, Inc			UA	Animas Gauge below Silverton	A72	
CDOW	3611.041		UA	Animas Gauge below Silverton	A72	
WQCD			UA	ANIMAS RIVER NEAR SILVERTON		
CDOW	3611.042		UA	Animas Gauge below Silverton	A72	
CDOW	3611.043		UA	Animas Gauge below Silverton	A72	
USGS			UA	ANIMAS RIVER BELOW SILVERTON	A72	CO
Energy Laboratories, Inc			UA	Animas Gauge below Silverton	A72	
	3611.044				A72	3611
WQCD			UA	ANIMAS RIVER NEAR SILVERTON		
USGS			UA	ANIMAS RIVER BELOW SILVERTON	A72	CO
Energy Laboratories, Inc			UA	Animas Gauge below Silverton	A72	
	3611.046				A72	3611
WQCD			UA	ANIMAS RIVER NEAR SILVERTON		
USGS			UA	ANIMAS RIVER BELOW SILVERTON	A72	CO
	3611.047				A72	3611
Energy Laboratories, Inc			UA	Animas Gauge below Silverton	A72	
WQCD			UA	ANIMAS RIVER NEAR SILVERTON		
	3611.049				A72	3611
USGS			UA	ANIMAS RIVER BELOW SILVERTON	A72	CO
Energy Laboratories, Inc			UA	Animas Gauge below Silverton	A72	
	3611.05				A72	3611
	3611.051				A72	3611
Energy Laboratories, Inc			UA	Animas Gauge below Silverton	A72	
Energy Laboratories, Inc			UA	Animas Gauge below Silverton	A72	
Energy Laboratories, Inc			UA	Animas Gauge below Silverton	A72	

	3611.052		A72	3611
WQCD		UA	ANIMAS RIVER NEAR SILVERTON	
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	
	3611.053		A72	3611
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	
Energy Laboratories, Inc		UA	Animas Gauge below Silverton	A72
	3611.054		A72	3611
	3611.055		A72	3611
WQCD		UA	ANIMAS RIVER NEAR SILVERTON	
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	
Energy Laboratories, Inc		UA	Animas Gauge below Silverton	A72
	3611.056		A72	3611
	3611.057		A72	3611
WQCD		UA	ANIMAS RIVER NEAR SILVERTON	
	3611.058		A72	3611
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	
	3611.059		A72	3611
Energy Laboratories, Inc		UA	Animas Gauge below Silverton	A72
Energy Laboratories, Inc		UA	Animas Gauge below Silverton	A72
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	
Energy Laboratories, Inc		UA	Animas Gauge below Silverton	A72
	3611.06		A72	3611
U.S. EPA, 8905016-01	2009_MAY	UA	Animas River downstream of the confluence with the Animas River	
WQCD		UA	ANIMAS RIVER NEAR SILVERTON	
	3611.061		A72	3611
U.S. EPA, 8906009-16	2009_JUN	UA	Animas River downstream of the confluence with the Animas River	
	0906192-1	2009_JUN	Animas River downstream of the confluence with the Animas River	
	0906192-1_DUP	2009_JUN	Animas River downstream of the confluence with the Animas River	
Energy Laboratories, Inc		UA	Animas Gauge below Silverton	A72
CDOW	3611.062	UA	Animas Gauge below Silverton	A72
U.S. EPA, 8907022-01	2009_JUL	UA	Animas River downstream of the confluence with the Animas River	
	0907188-16	2009_JUL	Animas River downstream of the confluence with the Animas River	
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	
WQCD		UA	ANIMAS RIVER NEAR SILVERTON	
	3611.063		A72	3611
U.S. EPA, 8908019-01	2009_AUG	UA	Animas River downstream of the confluence with the Animas River	
	0908208-1	2009_AUG	Animas River downstream of the confluence with the Animas River	
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO	
Energy Laboratories, Inc		UA	Animas Gauge below Silverton	A72
	3611.064		A72	3611
U.S. EPA, 8909027-01	2009_SEP	UA	Animas River downstream of the confluence with the Animas River	
	0909262-1	2009_SEP	Animas River downstream of the confluence with the Animas River	
	0909262-1_DUP	2009_SEP	Animas River downstream of the confluence with the Animas River	
	3611.065		A72	3611
WQCD		UA	ANIMAS RIVER NEAR SILVERTON	
Energy Laboratories, Inc		UA	Animas Gauge below Silverton	A72

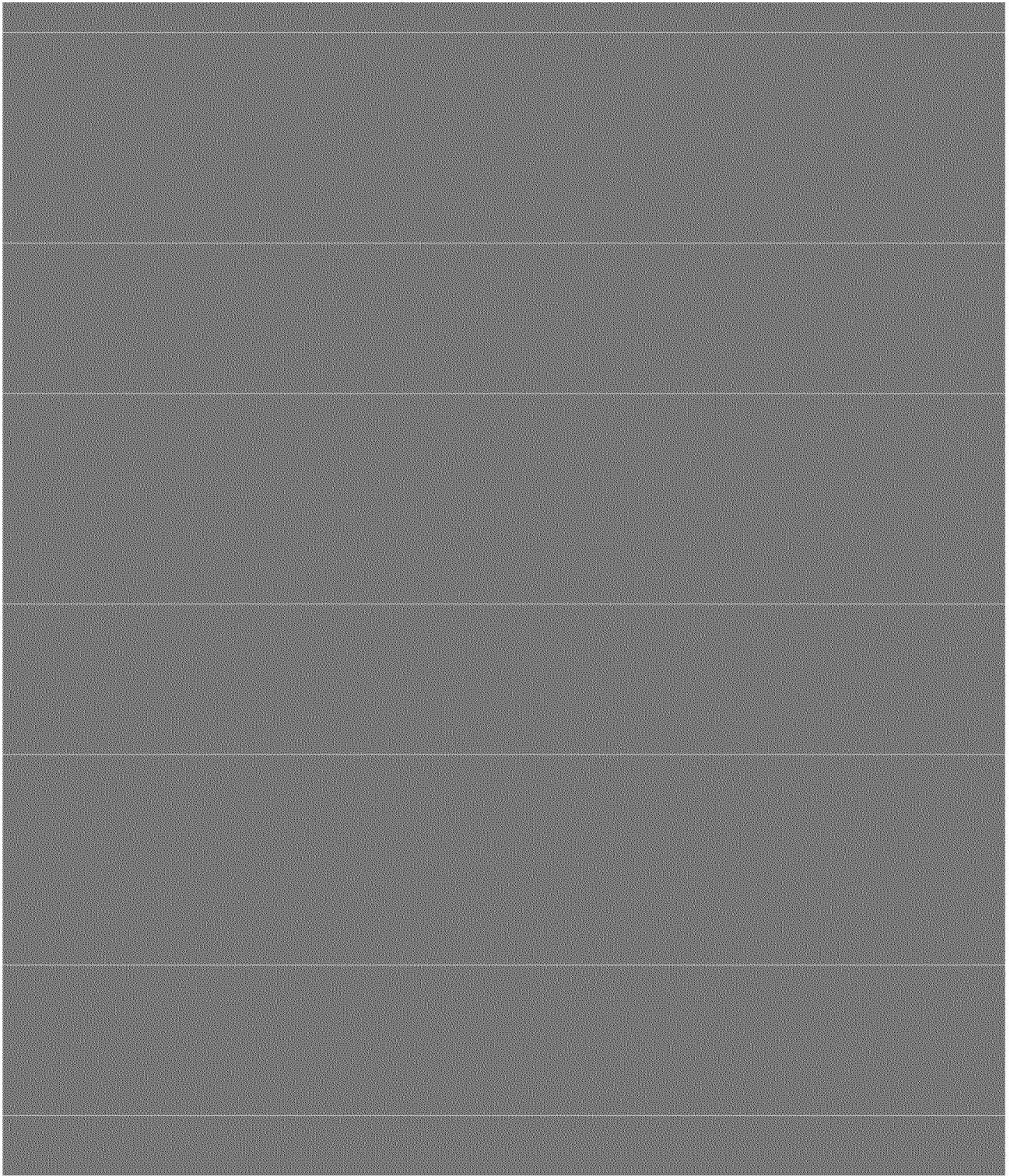
		UA	Animas Gauge below Silverton	A72	
3611.066				A72	3611
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO		
U.S. EPA, 8911012-01	2009_NOV	UA	Animas River downstream of the confluence with the Animas River	A72	
ALS Envir0911213-1	2009_NOV	UA	Animas River downstream of the confluence with the Animas River	A72	
3611.067				A72	3611
U.S. EPA, 1002004-02	2010_FEB	UA	Animas River downstream of the confluence with the Animas River	A72	
U.S. EPA, 1002004-02RE1	2010_FEB	UA	Animas River downstream of the confluence with the Animas River	A72	
1002201-2	2010_FEB	UA	Animas River downstream of the confluence with the Animas River	A72	
U.S. EPA, 1003013-02	2010_MAF	UA	Animas River downstream of the confluence with the Animas River	A72	
U.S. EPA, 1003013-02RE1	2010_MAF	UA	Animas River downstream of the confluence with the Animas River	A72	
U.S. EPA, 1003013-12	2010_MAF	UA	Animas River downstream of the confluence with the Animas River	A72	
U.S. EPA, 1003013-12RE1	2010_MAF	UA	Animas River downstream of the confluence with the Animas River	A72	
1003219-12	2010_MAF	UA	Animas River downstream of the confluence with the Animas River	A72	
1003219-2	2010_MAF	UA	Animas River downstream of the confluence with the Animas River	A72	
1003219-2_DUP	2010_MAF	UA	Animas River downstream of the confluence with the Animas River	A72	
U.S. EPA, 1004007-02	2010_APR	UA	Animas River downstream of the confluence with the Animas River	A72	
U.S. EPA, 1004007-24	2010_APR	UA	Animas River downstream of the confluence with the Animas River	A72	
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO		
U.S. EPA, 1006002-02	2010_JUN	UA	Animas River downstream of the confluence with the Animas River	A72	
ALS Envir1006053-2	2010_JUN	UA	Animas River downstream of the confluence with the Animas River	A72	
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO		
3611.069				A72	3611
U.S. EPA, 1007017-02	2010_JUL	UA	Animas River downstream of the confluence with the Animas River	A72	
ALS Envir1007194-2	2010_JUL	UA	Animas River downstream of the confluence with the Animas River	A72	
WQCD		UA	ANIMAS RIVER NEAR SILVERTON		
CDOW	3611.07	UA	Animas Gauge below Silverton	A72	
USGS		UA	ANIMAS RIVER BELOW SILVERTON, CO		
		UA	Animas Gauge below Silverton	A72	
U.S. EPA, 1009024-02	2010_SEP	UA	Animas River downstream of the confluence with the Animas River	A72	
U.S. EPA, 1009024-30	2010_SEP	UA	Animas River downstream of the confluence with the Animas River	A72	
1009265-2	2010_SEP	UA	Animas River downstream of the confluence with the Animas River	A72	
3611.071				A72	3611
U.S. EPA, 1011008-02	2010_NOV	UA	Animas River downstream of the confluence with the Animas River	A72	
U.S. EPA, 1011008-30	2010_NOV	UA	Animas River downstream of the confluence with the Animas River	A72	
ALS Envir1011091-2	2010_NOV	UA	Animas River downstream of the confluence with the Animas River	A72	
ALS Envir1011091-30	2010_NOV	UA	Animas River downstream of the confluence with the Animas River	A72	
		UA	Animas Gauge below Silverton	A72	
3611.072				A72	3611
3611.073				A72	3611
EPA			Animas Gauge below Silverton	A72	
USGS		UA	ANIMAS RIVER BELOW SILVERTON	A72	
DOW	104061310	3611.074	Animas Gauge below Silverton	A72	
Energy Laboratories, Inc		UA	Animas Gauge below Silverton	A72	

DOW	L05081140	3611.075		UA	Animas Gauge below Silverton	A72	
USGS				UA	ANIMAS RIVER BELOW SILVERTON	A72	
EPA					Animas Gauge below Silverton	A72	
DOW	L06301420	3611.076		UA	Animas Gauge below Silverton	A72	
EPA					Animas Gauge below Silverton	A72	
DOW	L08011000	3611.077		UA	Animas Gauge below Silverton	A72	
EPA					Animas Gauge below Silverton	A72	
USGS				UA	ANIMAS RIVER BELOW SILVERTON	A72	
DOW	L09071000	3611.078		UA	Animas Gauge below Silverton	A72	
Energy Laboratories, Inc				UA	Animas Gauge below Silverton	A72	
EPA					Animas Gauge below Silverton	A72	
DOW	L10071020	3611.079		UA	Animas Gauge below Silverton	A72	
EPA					Animas Gauge below Silverton	A72	
DOW	L11021100	3611.08		UA	Animas Gauge below Silverton	A72	
Energy Laboratories, Inc				UA	Animas Gauge below Silverton	A72	
USGS				UA	ANIMAS RIVER BELOW SILVERTON	A72	
DOW	L12071430	3611.081		UA	Animas Gauge below Silverton	A72	
EPA				UA	Animas G-Animas blw Mineral	A72	A72
DPW	3611.082			UA	Animas gage blw Silverton	A72	A72
DPW	3611.083			UA	Animas gage blw Silverton	A72	A72
DPW	3611.084			UA	Animas gage blw Silverton	A72	A72
DPW	3611.085			UA	Animas gage blw Silverton	A72	A72
DPW	3611.086			UA	Animas gage blw Silverton	A72	A72
EPA	A830-0002			UA	Animas Gage blw Silverton	A72	
EPA	A830-0050			UA	Animas Gage blw Silverton	A72	
DPW	3611.087			UA	Animas gage blw Silverton	A72	A72
DPW	3611.088			UA	Animas gage blw Silverton	A72	A72
DPW	3611.089			UA	Animas gage blw Silverton	A72	A72
EPA	A830-0107			UA	Animas Gage blw Silverton	A72	
DPW	3611.09			UA	Animas gage blw Silverton	A72	A72
EPA	A830-0108			UA	Animas Gage blw Silverton	A72	
DPW	3611.091			UA	Animas gage blw Silverton	A72	A72
DPW	3611.092			UA	Animas gage blw Silverton	A72	A72
DPW	3611.093			UA	Animas gage blw Silverton	A72	
DPW	3611.094			UA	Animas gage blw Silverton	A72	
DPW	3611.095			UA	Animas gage blw Silverton	A72	
DPW	3611.096			UA	Animas gage blw Silverton	A72	
EPA	A830-0604			UA	Animas Gage blw Silverton	A-72-O-94	
EPA	A830-0603			UA	Animas Gage blw Silverton	A-72-O-93	
EPA	A830-0602			UA	Animas Gage blw Silverton	A-72-O-92	
EPA	A830-0601			UA	Animas Gage blw Silverton	A-72-O-91	
EPA	A830-0600			UA	Animas Gage blw Silverton	A-72-O-90	
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EPA	A830-0598			UA	Animas Gage blw Silverton	A-72-O-88	
EPA	A830-0597			UA	Animas Gage blw Silverton	A-72-O-87	
EPA	A830-0596			UA	Animas Gage blw Silverton	A-72-O-86	

EPA	A830-0595		UA	Animas Gage blw Silverton	A-72-O-85	
EPA	A830-0594		UA	Animas Gage blw Silverton	A-72-O-84	
EPA	A830-0593		UA	Animas Gage blw Silverton	A-72-O-83	
EPA	A830-0592		UA	Animas Gage blw Silverton	A-72-O-82	
EPA	A830-0591		UA	Animas Gage blw Silverton	A-72-O-81	
EPA	A830-0590		UA	Animas Gage blw Silverton	A-72-O-80	
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EPA	A830-0587		UA	Animas Gage blw Silverton	A-72-O-77	
EPA	A830-0586		UA	Animas Gage blw Silverton	A-72-O-76	
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EPA	A830-0584		UA	Animas Gage blw Silverton	A-72-O-74	
DPW	3611.097		UA	Animas gage blw Silverton	A72	
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EPA	A830-0582		UA	Animas Gage blw Silverton	A-72-O-72	
EPA	A830-0581		UA	Animas Gage blw Silverton	A-72-O-71	
EPA	A830-0580		UA	Animas Gage blw Silverton	A-72-O-70	
EPA	A830-0579		UA	Animas Gage blw Silverton	A-72-O-69	
EPA	A830-0578		UA	Animas Gage blw Silverton	A-72-O-68	
EPA	A830-0577		UA	Animas Gage blw Silverton	A-72-O-67	
EPA	A830-0446		UA	Animas Gage blw Silverton	A72	
EPA	A830-0576		UA	Animas Gage blw Silverton	A-72-O-66	
EPA	A830-0575		UA	Animas Gage blw Silverton	A-72-O-65	
EPA	A830-0574		UA	Animas Gage blw Silverton	A-72-O-64	
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EPA	A830-0572		UA	Animas Gage blw Silverton	A-72-O-62	
EPA	A830-0571		UA	Animas Gage blw Silverton	A-72-O-61	
EPA	A830-0570		UA	Animas Gage blw Silverton	A-72-O-60	
EPA	A830-0569		UA	Animas Gage blw Silverton	A-72-O-59	
EPA	A830-0568		UA	Animas Gage blw Silverton	A-72-O-58	
EPA	A830-0567		UA	Animas Gage blw Silverton	A-72-O-57	
EPA	A830-0566		UA	Animas Gage blw Silverton	A-72-O-56	
EPA	A830-0565		UA	Animas Gage blw Silverton	A-72-O-55	
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EPA	A830-0563		UA	Animas Gage blw Silverton	A-72-O-53	
EPA	A830-0562		UA	Animas Gage blw Silverton	A-72-O-52	
EPA	A830-0561		UA	Animas Gage blw Silverton	A-72-O-51	
EPA	A830-0560		UA	Animas Gage blw Silverton	A-72-O-50	
EPA	A830-0559		UA	Animas Gage blw Silverton	A-72-O-49	
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EPA	A830-0548		UA	Animas Gage blw Silverton	A-72-O-38	
EPA	A830-0547		UA	Animas Gage blw Silverton	A-72-O-37	
EPA	A830-0546		UA	Animas Gage blw Silverton	A-72-O-36	
EPA	A830-0545		UA	Animas Gage blw Silverton	A-72-O-35	
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EPA	A830-0533		UA	Animas Gage blw Silverton	A-72-O-23	
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EPA	A830-0531		UA	Animas Gage blw Silverton	A-72-O-21	
EPA	A830-0530		UA	Animas Gage blw Silverton	A-72-O-20	
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EPA	A830-0521		UA	Animas Gage blw Silverton	A-72-O-11	
EPA	A830-0520		UA	Animas Gage blw Silverton	A-72-O-10	
EPA	A830-0519		UA	Animas Gage blw Silverton	A-72-O-9	
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EPA	A830-0517		UA	Animas Gage blw Silverton	A-72-O-7	
EPA	A830-0516		UA	Animas Gage blw Silverton	A-72-O-6	
EPA	A830-0515		UA	Animas Gage blw Silverton	A-72-O-5	
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EPA	A830-0511		UA	Animas Gage blw Silverton	A-72-O-1	
DPW	3611.1		UA	Animas gage blw Silverton	A-72	
DPW	3611.101		UA	Animas gage blw Silverton	A-72	
DPW	3611.102		UA	Animas gage blw Silverton	A-72	
DPW	3611.103		UA	Animas gage blw Silverton	A-72	
DPW	3611.104		UA	Animas gage blw Silverton	A-72	

DPW	3611.105		UA		Animas gage blw Silverton	A72
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DPW	3611.107		UA		Animas gage blw Silverton	A72
DPW	3611.108		UA		Animas gage blw Silverton	A72
DPW	3611.109		UA		Animas gage blw Silverton	A72
EPA	A830-0760		UA		Animas Gage blw Silverton	A72
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EPA	A830-0804		UA		Animas Gage blw Silverton	A72
EPA	A830-0805		UA		Animas Gage blw Silverton	A72
DPW	3611.11		UA		Animas gage blw Silverton	A72
EPA	A830-0806		UA		Animas Gage blw Silverton	A72
EPA	A830-0807		UA		Animas Gage blw Silverton	A72
EPA	A830-0808		UA		Animas Gage blw Silverton	A72
DPW	3611.111		UA		Animas gage blw Silverton	A72
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EPA	A830-0812		UA		Animas Gage blw Silverton	A72
EPA	A830-0813		UA		Animas Gage blw Silverton	A72
EPA	A830-0810		UA		Animas Gage blw Silverton	A72
EPA	A830-0811		UA		Animas Gage blw Silverton	A72
DPW	3611.112		UA		Animas gage blw Silverton	A72
DPW	3611.113		UA		Animas gage blw Silverton	A72
EPA	085M-0019		UA		Animas Gage blw Silverton	A72
DPW	3611.114		UA		Animas gage blw Silverton	A72
DPW	3611.115		UA		Animas gage blw Silverton	A72
DPW	3611.116		UA		Animas gage blw Silverton	A72



TON Allia DMG & Ot USGS AML MISNOMMSAMPLE NUIDATE TIME_24H AGENCY COMMENT TYPE

RPS82	01/05/88	10:30	WQCD		S
RPS82	02/10/88	10:00	WQCD		S
RPS82	03/01/88	10:30	WQCD		S
RPS82	04/07/88	9:00	WQCD		S
RPS82	05/04/88	12:49	WQCD		S
RPS82	06/09/88	9:49	WQCD		S
RPS82	07/19/88	10:39	WQCD		S
RPS82	08/09/88	11:05	WQCD		S
RPS82	09/26/88	8:44	WQCD		S
RPS82	10/06/88	8:30	WQCD		S
RPS82	11/08/88	9:09	WQCD		S
RPS82	12/08/88	10:30	WQCD		S
RPS82	01/05/89	9:29	WQCD		S
RPS82	02/14/89	14:00	WQCD		S
RPS82	03/07/89	10:39	WQCD		S
RPS82	04/24/89	11:50	WQCD		S
RPS82	05/30/89	8:50	WQCD		S
RPS82	06/29/89	15:40	WQCD		S
RPS82	07/24/89	10:09	WQCD		S
RPS82	08/02/89	11:19	WQCD		S
RPS82	09/04/89	10:05	WQCD		S
RPS82	10/05/89	16:20	WQCD		S
RPS82	11/02/89	10:20	WQCD		S
RPS82	12/13/89	11:15	WQCD		S
RPS82	01/10/90	12:49	WQCD		S
RPS82	02/06/90	10:25	WQCD		S
RPS82	03/05/90	12:14	WQCD		S
RPS82	04/19/90	10:45	WQCD		S
RPS82	05/02/90	10:00	WQCD		S
RPS82	06/14/90	13:10	WQCD		S
RPS82	07/12/90	10:20	WQCD		S
RPS82	08/01/90	10:20	WQCD		S
RPS82	09/04/90	10:39	WQCD		S
RPS82	10/08/90	10:34	WQCD		S
RPS82	11/07/90	12:14	WQCD		S
RPS82	12/17/90	12:30	WQCD		S
RPS82	01/16/91	11:10	WQCD		S
RPS82	02/18/91	10:14	WQCD		S
	09/05/91		WQCD		S
	09/06/91		WQCD		S

		09/07/91		WQCD		S
		09/09/91		WQCD		S
		09/10/91		WQCD		S
	RPS82	10/21/91	15:49	WQCD		S
	RPS82	04/30/92	14:24	WQCD		S
	RPS82	05/26/92	14:00	WQCD		S
		06/23/92		WQCD		S
		06/24/92		WQCD		S
	RPS82	06/25/92	14:00	WQCD		S
		06/25/92		WQCD		S
	RPS82	07/23/92	11:39	WQCD		S
	RPS82	08/19/92		WQCD		S
	RPS82	09/24/92	10:25	WQCD		S
		10/14/92		WQCD		S
		10/15/92		WQCD		S
	RPS82	10/22/92	10:34	WQCD		S
	RPS82	06/15/93	11:44	WQCD		S
		07/20/93		WQCD		S
		07/21/93		WQCD		S
	RPS82	08/23/93	12:59	WQCD		S
	RPS82	09/28/93	14:45	WQCD		S
	RPS82	10/26/93	13:30	WQCD		S
		11/10/93	11:30	USGS		S
	RPS82	11/29/93	13:55	WQCD		S
	RPS82	12/29/93	15:00	WQCD		S
	RPS82	03/29/94	14:34	WQCD		S
	RPS82	05/16/94	13:25	WQCD		S
		05/18/94	11:30	USGS		S
		06/02/94	11:00	USGS		S
	RPS82	06/27/94	15:04	WQCD		S
	RPS82	07/18/94	15:40	WQCD		S
		07/26/94	10:10	USGS		S
	RPS82	09/28/94	14:34	WQCD		S
		11/09/94	11:30	USGS		S
		11/09/94	11:15	WQCD		S
	RPS82	11/09/94	12:00	WQCD		S
	RPS82	11/09/94	12:00	WQCD		S
	RPS82	01/18/95	12:45	WQCD		S
		02/07/95	0	SGC		S
		02/07/95	12:10	SGC		S
		04/12/95	10:37	USGS		S
	RPS82	04/12/95	10:50	WQCD		S
		06/21/95		BOR		S
	RPS82	06/21/95	6:25	WQCD		S
		09/06/95		BOR		S
		11/29/95		BOR		S
		11/29/95		USGS		S

		01/16/96	15:20	WQCD		S
		04/09/96	10:30	BOR		S
		04/09/96		USGS		S
		04/09/96		USGS		S
		04/09/96	10:00	WQCD		S
		05/22/96		USGS		S
		06/18/96	0	SGC		S
		07/16/96	0	SGC		S
		07/16/96	0	SGC		S
		8/14/1996	0	SGC		S
		8/14/1996	0	SGC		S
		08/14/96		USGS		S
		09/27/96	0	SGC		S
		09/27/96	0	SGC		S
A-72		10/01/96		DMG		S
		10/18/1996	0	SGC		S
		10/18/1996	0	SGC		S
		11/7/1996	0	SGC		S
		11/7/1996	0	SGC		S
	1	11/19/96	9:30	USGS		S
		11/19/1996	9:30	USGS		Integrated
		12/13/1996	0	SGC		S
		12/13/1996	0	SGC		S
		01/08/97	0	SGC		S
		01/08/97	0	SGC		S
	2	01/08/97	11:30	USGS		S
	3	01/31/97	11:00	USGS		S
		2/5/1997	0	SGC		S
		2/5/1997	0	SGC		S
	80	02/26/97	11:00	USGS		S
	78	02/26/97	11:30	USGS		Q
		03/05/97	0	SGC		S
		03/05/97	0	SGC		S
		03/05/97	0	SGC		S
		03/05/97	0	SGC		S
	81	03/26/97	12:00	USGS		S
		4/11/1997	0	SGC		S
		4/11/1997	0	SGC		S
		4/11/1997	0	SGC		S
		4/11/1997	0	SGC		S
	79	04/28/97	11:00	USGS		S
		4/28/1997	11:00	USGS		Integrated
		05/06/97	0	SGC		S
		05/06/97	0	SGC		S
		05/06/97	0	SGC		S
		05/06/97	0	SGC		S
	116	05/13/97	13:10	USGS		S

	117	05/20/97	9:45	USGS		S
	118	05/28/97	10:30	USGS		S
	119	06/04/97	10:30	USGS		S
		6/10/1997	0	SGC		S
		6/10/1997	0	SGC		S
	140	06/12/97	10:00	USGS		S
	139	06/16/97	10:00	USGS		S
		6/16/1997	9:40	USGS		Integrated
	138	06/25/97	15:00	USGS		S
	137	07/01/97	9:30	USGS		S
		07/09/97	0	SGC		S
		07/09/97	0	SGC		S
	136	07/14/97	11:15	USGS		S
	206	07/31/97	11:15	USGS		S
		8/13/1997	0	SGC		S
		8/13/1997	0	SGC		S
	205	08/13/97	10:00	USGS		S
		8/13/1997	9:45	USGS		Integrated
		09/10/97	0	SGC		S
		09/10/97	0	SGC		S
	204	09/25/97	14:00	USGS		S
		10/8/1997	0	SGC		S
		10/8/1997	0	SGC		S
	274	10/22/97	10:10	USGS		S
		10/22/1997	10:10	USGS		Integrated
		11/12/97	0	SGC		S
		11/12/97	0	SGC		S
	275	11/25/97	10:30	USGS		S
		12/3/1997	0	SGC		S
		12/3/1997	0	SGC		S
	327	12/23/97	10:30	USGS		S
		01/07/98	0	SGC		S
		01/07/98	0	SGC		S
		2/4/1998	0	SGC		S
		2/4/1998	0	SGC		S
	326	02/13/98	11:00	USGS	ce @ Gage	S
		03/04/98	11:30	SGC		S
		03/04/98	11:30	SGC		Q
	329	03/16/98	10:30	USGS		S
		04/08/98	10:30	SGC		S
		04/08/98	10:30	SGC		Q
		04/08/98	10:30	SGC		Q
		04/08/98	10:30	SGC		Q
	342	04/23/98	14:15	USGS		S
	353	05/05/98	11:00	USGS		S
		5/5/1998	11:00	USGS		Integrated
		05/07/98	12:00	SGC		S

[REDACTED]
[REDACTED] 377
[REDACTED] 376

[REDACTED]
[REDACTED] 407
[REDACTED] 408
[REDACTED]
[REDACTED] 406
[REDACTED] 478

[REDACTED]
[REDACTED]
[REDACTED] 603
[REDACTED]

[REDACTED]
[REDACTED] 662
[REDACTED]

[REDACTED] 684
[REDACTED]

[REDACTED]
[REDACTED] A-72
[REDACTED]

05/07/98	12:00	SGC	[REDACTED]	Q
05/29/98	9:15	USGS	[REDACTED]	S
06/02/98	10:25	USGS	[REDACTED]	S
6/2/1998	10:25	USGS	[REDACTED]	Integrated
06/10/98	9:45	SGC	[REDACTED]	S
06/10/98	9:45	SGC	[REDACTED]	Q
06/10/98	10:00	USGS	[REDACTED]	S
06/25/98	10:25	USGS	[REDACTED]	S
07/01/98	9:50	SGC	[REDACTED]	S
07/01/98	9:50	SGC	[REDACTED]	Q
07/09/98	10:45	USGS	[REDACTED]	S
07/22/98	11:15	USGS	[REDACTED]	S
7/22/1998	11:15	USGS	[REDACTED]	Integrated
08/05/98	9:15	SGC	[REDACTED]	S
08/05/98	9:15	SGC	[REDACTED]	Q
9/2/1998	15:40	DMG	[REDACTED]	S
9/2/1998	10:00	DMG	[REDACTED]	S
09/09/98	9:00	SGC	[REDACTED]	S
09/09/98	9:00	SGC	[REDACTED]	Q
09/30/98	11:00	USGS	[REDACTED]	S
10/07/98	10:30	SGC	[REDACTED]	S
10/07/98	10:30	SGC	[REDACTED]	Q
11/10/98	12:30	SGC	[REDACTED]	S
11/10/98	12:30	SGC	[REDACTED]	Q
11/13/1998	11:30	USGS	[REDACTED]	Integrated
12/02/98	10:15	SGC	[REDACTED]	S
12/02/98	10:15	SGC	[REDACTED]	Q
01/06/99	11:00	SGC	[REDACTED]	S
01/06/99	11:00	SGC	[REDACTED]	Q
02/04/99	10:55	SGC	[REDACTED]	S
02/04/99	10:55	SGC	[REDACTED]	Q
02/19/99	11:40	USGS	[REDACTED]	S
03/03/99	10:30	SGC	[REDACTED]	S
03/03/99	10:30	SGC	[REDACTED]	Q
04/07/99	11:00	SGC	[REDACTED]	S
04/07/99	11:00	SGC	[REDACTED]	Q
4/8/1999	15:00	USGS	[REDACTED]	Integrated
04/30/99	10:15	USGS	[REDACTED]	S
05/06/99	11:00	SGC	[REDACTED]	S
05/06/99	11:00	SGC	[REDACTED]	Q
6/3/1999	9:45	USGS	[REDACTED]	Integrated
06/09/99	10:20	SGC	[REDACTED]	S
06/09/99	10:20	SGC	[REDACTED]	Q
6/23/1999	15:25	DMG	[REDACTED]	S
07/07/99	10:00	SGC	[REDACTED]	S
07/07/99	10:00	SGC	[REDACTED]	Q
08/04/99	9:40	SGC	[REDACTED]	S

	08/04/99	9:40	SGC		S
791	08/19/99	13:00	USGS	plus 21 shi	S
	8/26/1999	10:15	USGS		Integrated
	09/01/99	9:15	SGC		S
	09/01/99	9:15	SGC		S
	10/06/99	9:50	SGC		S
	10/06/99	9:50	SGC		S
	11/03/99	10:00	SGC		S
	11/03/99	10:00	SGC		S
	11/30/1999	11:45	USGS		Integrated
	12/01/99	10:30	SGC		S
	12/01/99	10:30	SGC		S
	01/05/00	9:15	SGC		S
	01/05/00	9:15	SGC		S
	02/02/00	10:30	SGC		S
	02/02/00	10:30	SGC		S
	03/01/00	10:00	SGC		S
	03/01/00	10:00	SGC		S
	04/05/00	9:15	SGC		S
	04/05/00	9:15	SGC		S
	4/13/2000	11:00	USGS		Integrated
	4/25/2000	15:20	USGS		Integrated
	05/03/00	10:30	SGC		S
	05/03/00	10:30	SGC		S
	5/24/2000	8:00	USGS		Integrated
	6/1/2000	10:35	USGS		Integrated
	06/07/00	9:45	SGC		S
	06/07/00	9:45	SGC		S
	6/29/2000	14:05	USGS		Integrated
	07/05/00	9:45	SGC		S
	07/05/00	9:45	SGC		S
	7/19/2000	10:55	USGS		Integrated
	08/02/00	10:00	SGC		S
	08/02/00	10:00	SGC		S
	8/9/2000	10:45	USGS		Integrated
	8/18/2000	14:55	USGS		Integrated
	09/06/00	9:30	SGC		S
	09/06/00	9:30	SGC		S
	9/16/2000	14:00	USGS		Integrated
	10/04/00	9:50	SGC		S
	10/04/00	9:50	SGC		S
	11/01/00	9:30	SGC		S
	11/01/00	9:30	SGC		S
	11/7/2000	11:00	USGS		Integrated
	12/1/2000	12:00	USGS		Integrated
	12/06/00	9:30	SGC		S
	12/06/00	9:30	SGC		S

	01/03/01	10:30	SGC		S
	01/03/01	10:30	SGC		S
	01/03/01	10:30	SGC		S
	01/03/01	10:30	SGC		S
	02/07/01	9:45	SGC		S
	02/07/01	9:45	SGC		S
	03/14/01	10:00	SGC		S
	03/14/01	10:00	SGC		S
	3/20/2001	11:30	USGS		Integrated
	04/04/01	9:30	SGC		S
	04/04/01	9:30	SGC		S
	4/30/2001	11:45	USGS		Integrated
	05/02/01	9:45	SGC		S
	05/02/01	9:45	SGC		S
	5/30/2001	10:15	USGS		Integrated
	06/06/01	10:30	SGC		S
	06/06/01	10:30	SGC		S
	07/06/01	9:40	SGC		S
	07/06/01	9:40	SGC		S
	08/01/01	9:30	SGC		S
	08/01/01	9:30	SGC		S
	8/10/2001	13:00	USGS		Integrated
	8/21/2001	10:15	USGS		Integrated
	09/05/01	9:30	SGC		S
	09/05/01	9:30	SGC		S
	10/03/01	9:40	SGC		S
	10/03/01	9:40	SGC		S
	11/1/2001	11:00	USGS		Integrated
	11/06/01	10:15	SGC		S
	11/06/01	10:15	SGC		S
	12/05/01	11:45	SGC		S
	12/05/01	11:45	SGC		S
	01/02/02	10:30	SGC		S
	01/02/02	10:30	SGC		S
	02/06/02	10:20	SGC		S
	02/06/02	10:20	SGC		S
	03/06/02	10:30	SGC		S
	03/06/02	10:30	SGC		S
	04/03/02	10:00	SGC		S
	04/03/02	10:00	SGC		S
	4/16/2002	12:15	USGS		Integrated
	05/01/02	11:30	SGC		S
	05/01/02	11:30	SGC		S
	5/20/2002	13:30	USGS		Integrated
	06/05/02	9:30	SGC		S
	06/05/02	9:30	SGC		S
	07/03/02	10:00	SGC		S

		07/03/02	10:00	SGC		S
		7/31/2002	10:30	USGS		Integrated
		08/07/02	10:30	SGC		S
		08/07/02	10:30	SGC		S
		09/04/02	10:30	SGC		S
		09/04/02	10:30	SGC		S
		10/02/02	10:15	SGC		S
		10/02/02	10:15	SGC		S
		11/06/02	10:00	SGC		S
		11/06/02	10:00	SGC		S
		12/04/02	10:15	SGC		S
		12/04/02	10:15	SGC		S
		12/5/2002	13:45	USGS		Integrated
		01/09/03	9:30	SGC		S
		01/09/03	9:30	SGC		S
3611		2/1/2003	15:05	CRW		S
		02/05/03	9:30	SGC		S
		03/06/03	10:30	SGC		S
3611		3/9/2003	17:45	CRW		S
3611		4/24/2003	11:00	CRW		S
		5/2/2003	12:45	USGS		Integrated
		05/06/03	9:00	SGC		S
RPS82		5/7/2003	11:00	BOR		S
3611		5/7/2003	11:00	CRW		S
		5/30/2003	11:30	USGS		Integrated
3611		6/2/2003	13:08	CRW		S
RPS82		7/2/2003		BOR		S
3611		7/2/2003	11:00	CRW		S
		07/02/03	8:45	SGC		S
		7/11/2003	9:45	USGS		Integrated
3611		8/14/2003	12:37	CRW		S
		09/03/03	10:00	SGC		S
		9/11/03	9:00	BOR	dissolved r	S
	3611	9/11/2003	9:00	CRW		S
	3611	10/4/2003	15:50	CRW		S
		10/27/2003	12:45	USGS		Integrated
		11/05/03	10:00	SGC		S
		11/6/03	11:00	BOR		S
		01/20/04	9:30	SGC		S
	3611	2/13/2004	14:45	CRW		S
		3/3/04	12:30	BOR		S
		03/10/04	10:00	SGC		S
	3611	3/19/2004	13:00	CRW		S
	3611	4/16/2004	12:30	CRW		S
		5/5/04	10:30	BOR		S
	3611	5/5/2004	10:30	CRW		S
		05/05/04	10:30	SGC		S

		5/11/2004	13:15	USGS		Integrated
3611		5/28/2004	13:00	CRW		S
		6/8/2004	13:30	USGS		Integrated
3611		6/17/2004	13:00	CRW		S
		7/7/04	10:00	BOR		S
3611		7/7/2004	10:00	CRW		S
		07/13/04	10:15	SGC		S
		8/4/2004	13:30	USGS		Integrated
3611		8/19/2004	13:45	CRW		S
		9/1/04	8:00	BOR		S
		09/09/04	8:30	SGC		S
3611		9/15/2004	14:30	CRW		S
3611	3611.019	10/14/2004	13:10	CRW		S
		11/03/04	10:30	SGC		S
		11/8/2004	12:15	USGS		Integrated
		11/10/04	9:00	BOR		S
3611	3611.020	11/10/2004	9:00	CRW	BOR Colle	S
3611	3611.021	12/8/2004	12:05	CRW		S
	3611.022	02/15/05	12:05	CRW		S
	3611.023	03/13/05	14:00	CRW		S
	3611.024	04/09/05	10:23	CRW		S
	3611.025	05/04/05	10:23	CRW		S
	A-72	05/04/2005	10:00	BOR		S
		5/10/2005	12:30	USGS		Integrated
3611	3611200506090720	6/9/2005	7:20:00	CRW		
		6/28/2005	14:45	USGS		Integrated
	A-72	07/06/2005	11:00	BOR		S
		07/06/2005		BOR		S
3611	3611200507061100	7/6/2005	11:00:00	CRW		
		8/8/2005	13:45	USGS		Integrated
		8/10/05		CRW		S
		8/10/05		CRW		S
		9/14/05		CRW		S
		9/14/05		CRW		S
	A-72	9/15/2005	10:00	BOR		S
		09/15/2005		BOR		S
		10/13/05		CRW		S
		10/13/05		CRW		S
		10/26/2005		WQCD		
	A-72	11/2/2005	10:00	BOR		S
		11/2/05		CRW		S
		11/2/05		CRW		S
		12/12/2005	12:15	USGS		Integrated
		12/20/05		CRW		S
		12/20/05		CRW		S
		3/7/06		CRW		S

	4/5/06	ws	CRW	S
	4/5/06		CRW	S
	4/19/2006	14:00	USGS	Integrated
	5/10/06		CRW	S
	05/10/2006	11:00	BOR	S
	5/24/2006	13:45	USGS	Integrated
	5/24/2006		WQCD	
	6/6/06		CRW	S
	6/6/06		CRW	S
	6/21/2006		WQCD	
	7/12/06		CRW	S
	7/12/06		CRW	S
	07/12/2006	10:30	BOR	S
	8/2/06		CRW	S
	8/16/2006		WQCD	
	9/6/06		CRW	S
	09/06/2006	10:15	BOR	S
	9/27/2006	12:30	USGS	Integrated
	10/11/06		CRW	S
	10/31/2006	12:30	USGS	Integrated
	11/1/06		CRW	S
	11/01/2006	10:00	BOR	S
	12/5/06		CRW	S
	12/6/2006		WQCD	
	1/11/07		CRW	S
	4/2/2007		CRW	S
	4/16/2007	12:45	USGS	Integrated
	05/11/2007	11:00	BOR	S
3611200705111100	5/11/2007	11:00:00	CRW	
	5/15/2007		WQCD	
	5/16/2007	10:00	USGS	Integrated
	07/11/2007	10:30	BOR	S
3611200707111030	7/11/2007	10:30:00	CRW	
	7/12/2007		WQCD	
	7/18/2007	10:00	USGS	Integrated
3611200708061120	8/6/2007	11:20:00	CRW	
	09/05/2007	9:00	BOR	S
	10/4/2007		WQCD	
3611200710251400	10/25/2007	14:00:00	CRW	
	11/6/2007	11:30	USGS	Integrated
	11/07/2007	11:00	BOR	S
3611200711071100	11/7/2007	11:00:00	CRW	
3611200712051240	12/5/2007	12:45:00	CRW	
	01/02/08		BOR	S
	03/12/08	12:00	BOR	S
	05/07/08	11:00	BOR	S

3611200805071100	5/7/2008 11:00:00	CRW	
	5/12/2008	WQCD	
	5/14/2008 10:30	USGS	Integrated
3611200806031330	6/3/2008 13:30:00	CRW	
	6/3/2008 12:00	USGS	Integrated
	07/09/08 10:00	BOR	S
3611200807090800	7/9/2008 8:00:00	CRW	
3611200808051240	8/5/2008 12:45:00	CRW	
	8/6/2008	WQCD	
	8/14/2008 11:30	USGS	Integrated
	09/03/08 9:00	BOR	S
3611200809030900	9/3/2008 9:00:00	CRW	
3611200810061420	10/6/2008 14:25:00	CRW	
	10/22/2008	WQCD	
3611200811071000	11/7/2008 10:00:00	CRW	
	12/2/2008 12:00	USGS	Integrated
3611200812031410	12/3/2008 14:10:00	CRW	
	1/8/2009 12:00	BOR	no access S
	3/4/2009	BOR	-9S
	4/29/2009 13:45	USGS	Integrated
	5/13/2009 10:00	BOR	turbid highS
3611200905131000	5/13/2009 10:00:00	CRW	
Creek and downstream of Silverton. Site 361120090516-01	5/18/2009	EPA	
	6/10/2009	WQCD	
3611200906121110	6/12/2009 11:10:00	CRW	
Creek and downstream of Silverton. Site 361120090616-01	6/16/2009	EPA	
Creek and downstream of Silverton. Site 3611200906192-1	6/16/2009	EPA	
Creek and downstream of Silverton. Site 3611200906192-1-I	6/16/2009	EPA	
	7/8/2009 11:00	BOR	S
3611200907080900	7/8/2009 9:00:00	CRW	Conductivity 206 umhos
Creek and downstream of Silverton. Site 36112009071022-01	7/14/2009	EPA	
Creek and downstream of Silverton. Site 36112009071188-16	7/14/2009	EPA	
	7/21/2009 12:45	USGS	Integrated
	8/10/2009	WQCD	
3611200908121130	8/12/2009 11:35:00	CRW	
Creek and downstream of Silverton. Site 36112009081919-01	8/18/2009	EPA	
Creek and downstream of Silverton. Site 36112009082208-1	8/18/2009	EPA	
	9/9/2009 10:30	USGS	Integrated
	9/16/2009 10:30	BOR	S
3611200909161030	9/16/2009 10:30:00	CRW	
Creek and downstream of Silverton. Site 36112009092027-01	9/22/2009	EPA	
Creek and downstream of Silverton. Site 36112009092262-1	9/22/2009	EPA	
Creek and downstream of Silverton. Site 36112009092262-1-I	9/22/2009	EPA	
3611200910051330	10/5/2009 13:03:00	CRW	
	10/26/2009	WQCD	
	11/4/2009 10:00	BOR	S

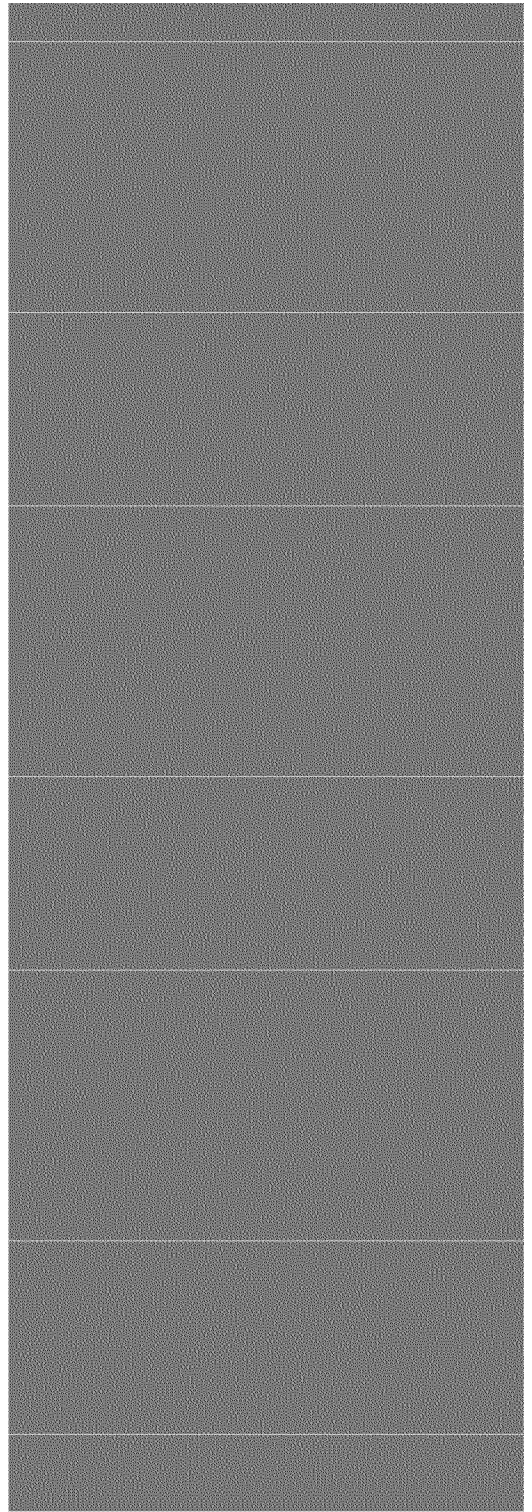
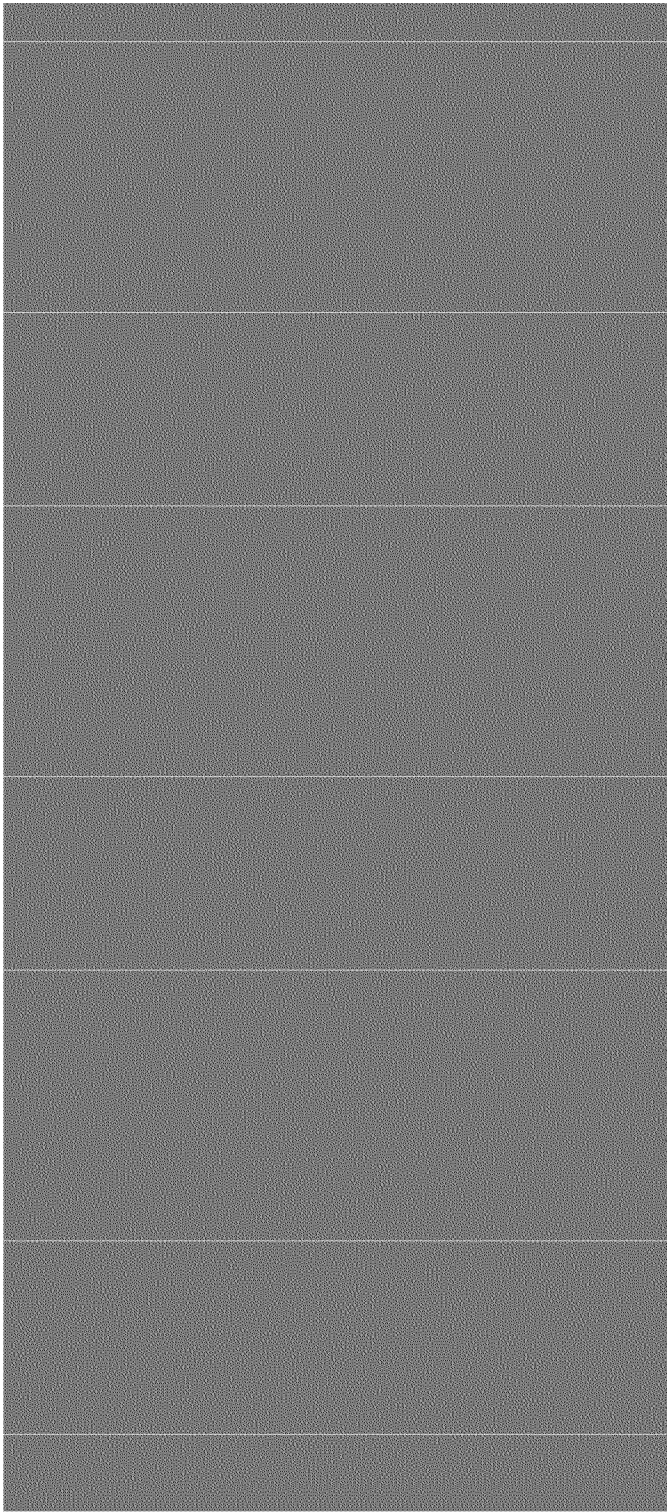
		11/4/2009	10:00	BOR	
	3611200911051140	11/5/2009	11:40:00	CRW	
		11/13/2009	11:15	USGS	Integrated
	Creek and downstream of Silverton. Site 4091-012-01	11/17/2009		EPA	
	Creek and downstream of Silverton. Site 4091-012-1	11/17/2009		EPA	
	3611200912011430	12/1/2009	14:35:00	CRW	
	Creek and downstream of Silverton. Site 4092-004-02	2/17/2010		EPA	
	Creek and downstream of Silverton. Site 4092-004-02	2/17/2010		EPA	
	Creek and downstream of Silverton. Site 4092-001-2	2/17/2010		EPA	
	Creek and downstream of Silverton. Site 4093-013-02	3/17/2010		EPA	
	Creek and downstream of Silverton. Site 4093-013-02	3/17/2010		EPA	
	Creek and downstream of Silverton. Site 4093-013-12	3/17/2010		EPA	
	Creek and downstream of Silverton. Site 4093-013-12	3/17/2010		EPA	
	Creek and downstream of Silverton. Site 4093-013-12	3/17/2010		EPA	
	Creek and downstream of Silverton. Site 4093-019-12	3/17/2010		EPA	
	Creek and downstream of Silverton. Site 4093-019-2	3/17/2010		EPA	
	Creek and downstream of Silverton. Site 4093-019-2	3/17/2010		EPA	
	Creek and downstream of Silverton. Site 4094-007-02	4/13/2010		EPA	
	Creek and downstream of Silverton. Site 4094-007-24	4/13/2010		EPA	
		5/4/2010	11:30	USGS	Integrated
	Creek and downstream of Silverton. Site 4095-002-02	6/2/2010		EPA	
	Creek and downstream of Silverton. Site 4095-003-2	6/2/2010		EPA	
		6/9/2010	15:00	USGS	Integrated
		7/8/2010	10:00	BOR	
	3611201007081000	7/8/2010	10:00:00	CRW	
	Creek and downstream of Silverton. Site 4097-017-02	7/13/2010		EPA	
	Creek and downstream of Silverton. Site 4097-019-2	7/13/2010		EPA	
		7/13/2010		WQCD	
3611	3611201008101100	8/10/2010	11:00:00	CRW	
		8/10/2010	10:30	USGS	Integrated
		9/9/2010	10:00	BOR	rd.&bridge const.
	Creek and downstream of Silverton. Site 4099-024-02	9/14/2010		EPA	
	Creek and downstream of Silverton. Site 4099-024-30	9/14/2010		EPA	
	Creek and downstream of Silverton. Site 4099-025-2	9/14/2010		EPA	
	3611201010041030	10/4/2010	10:35:00	CRW	
	Creek and downstream of Silverton. Site 4091-008-02	11/2/2010		EPA	
	Creek and downstream of Silverton. Site 4091-008-30	11/2/2010		EPA	
	Creek and downstream of Silverton. Site 4091-009-2	11/2/2010		EPA	
	Creek and downstream of Silverton. Site 4091-009-30	11/2/2010		EPA	
		11/3/2010	10:00	BOR	
	3611201011031000	11/3/2010	10:00:00	CRW	
	3611201012071500	12/7/2010	15:05:00	CRW	
	1103001-02	03/15/11	9:30	EPA	S
		4/4/2011	12:30	USGS	
3611		4/6/2011	13:15:00	DOW	
		5/4/2011	11:30	BOR	S

3611		5/8/2011	11:45:00DOW	
		6/7/2011	8:30USGS	
	1106010-02	06/14/11	12:00 EPA	S
3611		6/30/2011	14:20:00DOW	
	1107016-02	07/19/11	9:00 EPA	S
3611		8/1/2011	10:05:00DOW	
	1108015-02	08/16/11	8:30 EPA	S
		8/31/2011	10:00USGS	
3611		9/7/2011	10:00:00DOW	
		9/7/2011	10:00BOR	S
	1109011-02	09/13/11	8:45 EPA	S
3611		10/7/2011	10:20:00DOW	
	1110009-02	10/18/11	8:20 EPA	S
3611		11/2/2011	11:00:00DOW	
		11/2/2011	11:00BOR	S
		11/10/2011	11:00USGS	
3611		12/7/2011	14:30:00DOW	
HWMD				S
		1/5/2012	14:00:00CRW	S
		3/7/2012	14:30:00CRW	S
		4/3/2012	10:45:00CRW	S
		5/2/2012	11:10:00CRW	S
		5/7/2012	7:45:00CRW	Metals onl S
		5/15/2012	8:30	
		5/15/2012	8:35	
		6/2/2012	14:10:00CRW	S
		8/6/2012	11:00:00CRW	S
		9/4/2012	14:10:00CRW	S
		10/2/2012	9:15	
		10/3/2012	13:30:00CRW	S
		10/4/2012	9:30	
		11/7/2012	11:30:00CRW	S
		12/10/2012	11:45:00CRW	metals pul S
		1/7/2013	11:30:00CRW	
		2/7/2013	12:00:00CRW	
		3/11/2013	11:45:00CRW	
		4/10/2013	11:45:00CRW	
		4/16/2013		Sipper
		4/17/2013		Sipper
		4/18/2013		Sipper
		4/19/2013		Sipper
		4/20/2013		Sipper
		4/21/2013		Sipper
		4/22/2013		Sipper
		4/23/2013		Sipper
		4/24/2013		Sipper

	4/25/2013		Sipper
	4/26/2013		Sipper
	4/27/2013		Sipper
	4/28/2013		Sipper
	4/29/2013		Sipper
	4/30/2013		Sipper
	5/1/2013		Sipper
	5/2/2013		Sipper
	5/3/2013		Sipper
	5/4/2013		Sipper
	5/5/2013		Sipper
	5/6/2013		Sipper
	5/7/2013	13:45:00 CRW	
	5/7/2013		Sipper
	5/8/2013		Sipper
	5/9/2013		Sipper
	5/10/2013		Sipper
	5/11/2013		Sipper
	5/12/2013		Sipper
	5/13/2013		Sipper
	5/14/2013	8:52	
	5/14/2013		Sipper
	5/15/2013		Sipper
	5/16/2013		Sipper
	5/17/2013		Sipper
	5/18/2013		Sipper
	5/19/2013		Sipper
	5/20/2013		Sipper
	5/21/2013		Sipper
	5/22/2013		Sipper
	5/23/2013		Sipper
	5/24/2013		Sipper
	5/25/2013		Sipper
	5/26/2013		Sipper
	5/27/2013		Sipper
	5/28/2013		Sipper
	5/29/2013		Sipper
	5/30/2013		Sipper
	5/31/2013		Sipper
	6/1/2013		Sipper
	6/2/2013		Sipper
	6/3/2013		Sipper
	6/4/2013		Sipper
	6/5/2013	14:15:00 CRW	High flow nutrient samp
	6/5/2013		Sipper
	6/6/2013		Sipper
	6/7/2013		Sipper

	6/8/2013		Sipper
	6/9/2013		Sipper
	6/10/2013		Sipper
	6/11/2013		Sipper
	6/12/2013		Sipper
	6/13/2013		Sipper
	6/14/2013		Sipper
	6/15/2013		Sipper
	6/16/2013		Sipper
	6/17/2013		Sipper
	6/18/2013		Sipper
	6/19/2013		Sipper
	6/20/2013		Sipper
	6/21/2013		Sipper
	6/22/2013		Sipper
	6/23/2013		Sipper
	6/24/2013		Sipper
	6/25/2013		Sipper
	6/26/2013		Sipper
	6/27/2013		Sipper
	6/28/2013		Sipper
	6/29/2013		Sipper
	6/30/2013		Sipper
	7/1/2013		Sipper
	7/2/2013		Sipper
	7/3/2013		Sipper
	7/4/2013		Sipper
	7/5/2013		Sipper
	7/6/2013		Sipper
	7/7/2013	14:45:00CRW	
	7/7/2013		Sipper
	7/8/2013		Sipper
	7/9/2013		Sipper
	7/10/2013		Sipper
	7/11/2013		Sipper
	7/12/2013		Sipper
	7/13/2013		Sipper
	7/14/2013		Sipper
	7/15/2013		Sipper
	7/16/2013		Sipper
	7/17/2013		Sipper
	7/18/2013		Sipper
	8/4/2013	9:25:00CRW	
	9/10/2013	14:10:00CRW	
	10/2/2013	14:20:00CRW	
	11/8/2013	11:30:00CRW	
	12/13/2013	12:15:00CRW	

Date	Time	Location	Notes
1/8/2014	11:30:00	CRW	filtered in lab
2/7/2014	12:15:00	CRW	
3/5/2014	11:30:00	CRW	
4/10/2014	10:30:00	CRW	
5/1/2014	11:15:00	CRW	
5/5/2014	17:15		
5/13/2014	16:05		
5/21/2014	11:45		
5/27/2014	11:30		
6/6/2014	14:15:00	CRW	
6/6/2014	14:15		
6/13/2014	10:30		
6/23/2014	13:45		
7/1/2014	14:05:00	CRW	
7/2/2014	15:15		
7/11/2014	10:45		
7/20/2014	14:00		
7/26/2014	14:00		
7/30/2014	16:40		
8/1/2014	14:10:00	CRW	Turbid, raining past 3 da
9/5/2014	11:30:00	CRW	
9/24/2014	14:30		
10/2/2014	10:00:00	CRW	September rain and sno
11/7/2014	10:30:00	CRW	low flow nutrient
12/5/2014	11:45:00	CRW	



provisional						
PURPOSE	LAT_DD	LONG_DD	ELEV_FT	daily mean flow_CFS	FLOW_CFS	EST_Q_GP PH pH-lab
G	37.7919	107.6833	9200	-9.0		7.5
G	37.7919	107.6833	9200	-9.0		7.3
G	37.7919	107.6833	9200	-9.0		7.3
G	37.7919	107.6833	9200	-9.0		7.8
G	37.7919	107.6833	9200	-9.0		7.6
G	37.7919	107.6833	9200	-9.0		7.8
G	37.7919	107.6833	9200	-9.0		7.9
G	37.7919	107.6833	9200	-9.0		7.7
G	37.7919	107.6833	9200	-9.0		8.2
G	37.7919	107.6833	9200	-9.0		7.7
G	37.7919	107.6833	9200	-9.0		7.9
G	37.7919	107.6833	9200	-9.0		7.7
G	37.7919	107.6833	9200	-9.0		7.7
G	37.7919	107.6833	9200	-9.0		7.5
G	37.7919	107.6833	9200	-9.0		7.5
G	37.7919	107.6833	9200	-9.0		7.3
G	37.7919	107.6833	9200	-9.0		7.3
G	37.7919	107.6833	9200	-9.0		7.2
G	37.7919	107.6833	9200	-9.0		6.5
G	37.7919	107.6833	9200	-9.0		7.8
G	37.7919	107.6833	9200	-9.0		7.1
G	37.7919	107.6833	9200	-9.0		7.1
G	37.7919	107.6833	9200	-9.0		7
G	37.7919	107.6833	9200	-9.0		6.9
G	37.7919	107.6833	9200	-9.0		6.8
G	37.7919	107.6833	9200	-9.0		6.7
G	37.7919	107.6833	9200	-9.0		6.7
G	37.7919	107.6833	9200	-9.0		6.5
G	37.7919	107.6833	9200	-9.0		6.7
G	37.7919	107.6833	9200	-9.0		6.9
G	37.7919	107.6833	9200	-9.0		7.6
G	37.7919	107.6833	9200	-9.0		7.2
G	37.7919	107.6833	9200	-9.0		7.5
G	37.7919	107.6833	9200	-9.0		7.3
G	37.7919	107.6833	9200	-9.0		6.9
G	37.7919	107.6833	9200	-9.0		7.5
G	37.7919	107.6833	9200	-9.0		7.1
G	37.7919	107.6833	9200	-9.0		6.4
G	37.7919	107.6833	9200	131.0		6.2
G	37.7919	107.6833	9200	185.0		6.3

G	37.7919	107.6833	9200	261.0	6.86
G	37.7919	107.6833	9200	269.0	6.42
G	37.7919	107.6833	9200	263.0	6.35
G	37.7919	107.6833	9200	75.0	7.3
G	37.7919	107.6833	9200	512.0	7.2
G	37.7919	107.6833	9200	865.0	7.7
G	37.7919	107.6833	9200	965.0	7.4
G	37.7919	107.6833	9200	955.0	7.2
G	37.7919	107.6833	9200	905.0	7.5
G	37.7919	107.6833	9200	905.0	7.2
G	37.7919	107.6833	9200	372.0	7.9
G	37.7919	107.6833	9200	134.0	7.2
G	37.7919	107.6833	9200	121.0	7.4
G	37.7919	107.6833	9200	80.0	6.3
G	37.7919	107.6833	9200	78.0	6.8
G	37.7919	107.6833	9200	83.0	7
G	37.7919	107.6833	9200	2090.0	7.2
G	37.7919	107.6833	9200	434.0	7.4
G	37.7919	107.6833	9200	434.0	6.73
G	37.7919	107.6833	9200	209.0	7.5
G	37.7919	107.6833	9200	124.0	7.3
G	37.7919	107.6833	9200	-9.0	7.3
G	37.7919	107.6833	9200	86.0	6.6
G	37.7919	107.6833	9200	-9.0	6.7
G	37.7919	107.6833	9200	-9.0	6.2
G	37.7919	107.6833	9200	-9.0	6.4
G	37.7919	107.6833	9200	-9.0	7.5
G	37.7919	107.6833	9200	603.0	6.8
G	37.7919	107.6833	9200	1370.0	7.6
G	37.7919	107.6833	9200	-9.0	7.7
G	37.7919	107.6833	9200	-9.0	7.6
G	37.7919	107.6833	9200	159.0	7.3
G	37.7919	107.6833	9200	-9.0	7.4
G	37.7919	107.6833	9200	106.0	7.1
G	37.7919	107.6833	9200	-9.0	7.1
G	37.7919	107.6833	9200	-9.0	7
G	37.7919	107.6833	9200	-9.0	7
G	37.7919	107.6833	9200	71.8	6.4
G	37.7919	107.6833	9200	-9.0	6.11
G	37.7919	107.6833	9200	-9.0	6.11
G	37.7919	107.6833	9200	127.0	6.6
G	37.7919	107.6833	9200	-9.0	6.7
G	37.7919	107.6833	9200	-9.0	7.57
G	37.7919	107.6833	9200	-9.0	7.7
G	37.7919	107.6833	9200	-9.0	7.05
G	37.7919	107.6833	9200	-9.0	7.15
G	37.7919	107.6833	9200	76.0	6.3

G	37.7919	107.6833	9200	64.6		6.22		
G	37.7919	107.6833	9200	167.0		7.1		
G	37.7919	107.6833	9200	167.0		6.4		
G	37.7919	107.6833	9200	167.0		6.37		
G	37.7919	107.6833	9200			5.78		
G	37.7919	107.6833	9200	1370.0		7		
G	37.7919	107.6833	9200	436.9		7.14		
G	37.7919	107.6833	9200	119.6		6.93		
G	37.7919	107.6833	9200	119.6		6.93		
G	37.7919	107.6833	9200	100.7		6.4		
G	37.7919	107.6833	9200	100.7		6.4		
G	37.7919	107.6833	9200	99.0		6.6		
G	37.7919	107.6833	9200	129.0		7.02		
G	37.7919	107.6833	9200	129.0		7.02		
G	37.7919	107.6833	9200	127.0		7.97		
G	37.7919	107.6833	9200	144.0		8.0		
G	37.7919	107.6833	9200	144.0		8.0		
G	37.7919	107.6833	9200	92.0		7.8		
G	37.7919	107.6833	9200	92.0		7.8		
G	37.7919	107.6833	9200	100.0		6.50		
M	37.79027	107.66818	9200	130	100		6.5	6.6
G	37.7919	107.6833	9200	97.0		6.1		
G	37.7919	107.6833	9200	97.0		6.1		
G	37.7919	107.6833	9200	55.5		7.54		
G	37.7919	107.6833	9200	55.5		7.54		
G	37.7919	107.6833	9200	55.5		5.88		
G	37.7919	107.6833	9200	74.0		5.64		
G	37.7919	107.6833	9200	91.6		5.8		
G	37.7919	107.6833	9200	91.6		5.8		
G	37.7919	107.6833	9200	64.8		4.90		
R	37.7919	107.6833	9200	64.8				
G	37.7919	107.6833	9200	76.0		5.07		
G	37.7919	107.6833	9200	76.0		5.07		
G	37.7919	107.6833	9200	76.0		5.07		
G	37.7919	107.6833	9200	76.0		5.07		
G	37.7919	107.6833	9200	120.0		6.17		
G	37.7919	107.6833	9200	88.0		6.0		
G	37.7919	107.6833	9200	88.0		6.0		
G	37.7919	107.6833	9200	88.0		6.0		
G	37.7919	107.6833	9200	88.0		6.0		
G	37.7919	107.6833	9200	214.0		6.96		
M	37.79027	107.66818	9200		214		6.4	6.39
G	37.7919	107.6833	9200	366.0		5.96		
G	37.7919	107.6833	9200	366.0		5.96		
G	37.7919	107.6833	9200	366.0		5.96		
G	37.7919	107.6833	9200	366.0		5.96		
G	37.7919	107.6833	9200	705.0		6.78		

G	37.7919	107.6833	9200	1190.0		6.85		
G	37.7919	107.6833	9200	547.0		6.93		
G	37.7919	107.6833	9200	1620.0		6.91		
G	37.7919	107.6833	9200	880.0		5.9		
G	37.7919	107.6833	9200	880.0		5.9		
G	37.7919	107.6833	9200	1230.0		6.41		
G	37.7919	107.6833	9200	1250.0		6.78		
M	37.79027	107.66818	9200	109	1240		6.8	6.978
G	37.7919	107.6833	9200	1350.0		6.41		
G	37.7919	107.6833	9200	1350.0		6.65		
G	37.7919	107.6833	9200	705.0		6.08		
G	37.7919	107.6833	9200	705.0		6.08		
G	37.7919	107.6833	9200	769.0		7.05		
G	37.7919	107.6833	9200	856.0		6.80		
G	37.7919	107.6833	9200	346.0		5.7		
G	37.7919	107.6833	9200	346.0		5.7		
G	37.7919	107.6833	9200	467.0		6.50		
M	37.79027	107.66818	9200		467		6.9	7.534
G	37.7919	107.6833	9200	163.0		5.83		
G	37.7919	107.6833	9200	163.0		5.83		
G	37.7919	107.6833	9200	406.0		6.67		
G	37.7919	107.6833	9200	212.0		6.6		
G	37.7919	107.6833	9200	212.0		6.6		
G	37.7919	107.6833	9200	220.0		6.66		
M	37.79027	107.66818	9200		221		6.7	6.993
G	37.7919	107.6833	9200	146.5		6.12		
G	37.7919	107.6833	9200	146.5		6.12		
G	37.7919	107.6833	9200	115.0		6.45		
G	37.7919	107.6833	9200	116.5		6.6		
G	37.7919	107.6833	9200	116.5		6.6		
G	37.7919	107.6833	9200	86.0		5.56		
G	37.7919	107.6833	9200	-9.0		6.49		
G	37.7919	107.6833	9200	-9.0		6.49		
G	37.7919	107.6833	9200	-9.0		5.7		
G	37.7919	107.6833	9200	-9.0		5.7		
G	37.7919	107.6833	9200	61.3		6.11		
G	37.7919	107.6833	9200		<100 cfs	5.46		
R	37.7919	107.6833	9200		<100 cfs	5.46		
G	37.7919	107.6833	9200	65.2		5.90		
G	37.7919	107.6833	9200	86.0		6.03		
R	37.7919	107.6833	9200	86.0		6.03		
R	37.7919	107.6833	9200	86.0		6.03		
R	37.7919	107.6833	9200	86.0		6.03		
G	37.7919	107.6833	9200	181.0		6.29		
G	37.7919	107.6833	9200	459.0		5.84		
M	37.79027	107.66818	9200	38	459		6.36	7.306
G	37.7919	107.6833	9200	284.0		5.9		

R	37.7919	107.6833	9200	284.0		5.9		
G	37.7919	107.6833	9200	1220.0		6.54		
G	37.7919	107.6833	9200	1190.0		6.52		
M	37.79027	107.66818	9200		1230		7.81	7.775
G	37.7919	107.6833	9200	663.0		6.8		
R	37.7919	107.6833	9200	663.0		6.8		
G	37.7919	107.6833	9200	663.0		6.78		
G	37.7919	107.6833	9200	901.0		7.09		
G	37.7919	107.6833	9200	945.0		6.27		
R	37.7919	107.6833	9200	945.0		6.27		
G	37.7919	107.6833	9200	691.0		7.20		
G	37.7919	107.6833	9200	334.0		6.28		
M	37.79027	107.66818	9200		334			7.397
G	37.7919	107.6833	9200	291.0		6.01		
R	37.7919	107.6833	9200	291.0		6.01		
G	37.7919	107.6833	9200	201.0		7.21		
G	37.7919	107.6833	9200	795.0		6.89		
G	37.7919	107.6833	9200	187.0		6.28		
R	37.7919	107.6833	9200	187.0		6.28		
G	37.7919	107.6833	9200	111.0		6.73		
G	37.7919	107.6833	9200	113.0		6.82		
R	37.7919	107.6833	9200	113.0		6.82		
G	37.7919	107.6833	9200	129.0		6.4		
R	37.7919	107.6833	9200	129.0		6.4		
M	37.79027	107.66818	9200		113		6.74	6.829
G	37.7919	107.6833	9200	95.0		6.01		
R	37.7919	107.6833	9200	95.0		6.01		
G	37.7919	107.6833	9200		<100 cfs	5.36		
R	37.7919	107.6833	9200		<100 cfs	5.36		
G	37.7919	107.6833	9200		<100 cfs	5.33		
R	37.7919	107.6833	9200		<100 cfs	5.33		
G	37.7919	107.6833	9200	58.7		6.04		
G	37.7919	107.6833	9200	64.0		5.45		
R	37.7919	107.6833	9200	64.0		5.45		
G	37.7919	107.6833	9200	97.0		6.23		
R	37.7919	107.6833	9200	97.0		6.23		
M	37.79027	107.66818	9200		95		6.4	6.015
G	37.7919	107.6833	9200			6.20		
G	37.7919	107.6833	9200	125.0		6.18		
R	37.7919	107.6833	9200	125.0		6.18		
M	37.79027	107.66818	9200		819		7.17	6.594
G	37.7919	107.6833	9200	1090.0		6.56		
R	37.7919	107.6833	9200	1090.0		6.56		
G	37.7919	107.6833	9200	1519.0		7.26		
G	37.7919	107.6833	9200	757.0		5.85		
R	37.7919	107.6833	9200	757.0		5.85		
G	37.7919	107.6833	9200	561.0		6.95		

G	37.7919	107.6833	9200	561.0		6.95		
G	37.7919	107.6833	9200	500.0		6.44		
M	37.79027	107.66818	9200		411		7.1	7.008
G	37.7919	107.6833	9200	557.0		6.62		
G	37.7919	107.6833	9200	557.0		6.62		
G	37.7919	107.6833	9200	168.0		6.85		
G	37.7919	107.6833	9200	168.0		6.85		
G	37.7919	107.6833	9200	104.0		5.79		
G	37.7919	107.6833	9200	104.0		5.79		
M	37.79027	107.66818	9200		74.9		6.4	6.619
G	37.7919	107.6833	9200	70.0		5.68		
G	37.7919	107.6833	9200	70.0		5.68		
G	37.7919	107.6833	9200	70.0		4.78		
G	37.7919	107.6833	9200	70.0		4.78		
G	37.7919	107.6833	9200	45.0		5.09		
G	37.7919	107.6833	9200	45.0		5.09		
G	37.7919	107.6833	9200	42.0		4.60		
G	37.7919	107.6833	9200	42.0		4.60		
G	37.7919	107.6833	9200	72.0		5.62		
G	37.7919	107.6833	9200	72.0		5.62		
M	37.79027	107.66818	9200		166		6.41	6.923
M	37.79026	107.66691	9200				6.95	
G	37.7919	107.6833	9200	655.0		6.25		
G	37.7919	107.6833	9200	655.0		6.25		
M	37.79027	107.66818	9200		1570		7.01	6.824
M	37.79026	107.66691	9200				7.41	
G	37.7919	107.6833	9200	910.0		6.46		
G	37.7919	107.6833	9200	910.0		6.46		
M	37.79026	107.66691	9200				6.87	
G	37.7919	107.6833	9200	211.0		6.11		
G	37.7919	107.6833	9200	211.0		6.11		
M	37.79026	107.66691	9200				6.32	
G	37.7919	107.6833	9200	109.0		6.3		
G	37.7919	107.6833	9200	109.0		6.3		
M	37.79027	107.66818	9200		94.4		6.61	6.586
M	37.79026	107.66691	9200				5.72	
G	37.7919	107.6833	9200	176.0		6.62		
G	37.7919	107.6833	9200	176.0		6.62		
M	37.79026	107.66691	9200				5.6	
G	37.7919	107.6833	9200	115.0		6.37		
G	37.7919	107.6833	9200	115.0		6.37		
G	37.7919	107.6833	9200	117.0		5.53		
G	37.7919	107.6833	9200	117.0		5.53		
M	37.79027	107.66818	9200		108		6.39	6.25
M	37.79026	107.66691	9200				4.72	
G	37.7919	107.6833	9200	68.0		5.8		
G	37.7919	107.6833	9200	68.0		5.8		

G	37.7919	107.6833	9200	68.0		5.84		
G	37.7919	107.6833	9200	68.0		5.84		
G	37.7919	107.6833	9200	68.0		5.84		
G	37.7919	107.6833	9200	68.0		5.84		
G	37.7919	107.6833	9200	44.0		5.59		
G	37.7919	107.6833	9200	44.0		5.59		
G	37.7919	107.6833	9200	51.0		5.32		
G	37.7919	107.6833	9200	51.0		5.32		
M	37.79026	107.66691	9200				5.46	
G	37.7919	107.6833	9200	94.0		5.55		
G	37.7919	107.6833	9200	94.0		5.55		
M	37.79027	107.66818	9200		405		6.73	6.858
G	37.7919	107.6833	9200	550.0		5.55		
G	37.7919	107.6833	9200	550.0		5.55		
M	37.79027	107.66818	9200		1080		7.12	6.937
G	37.7919	107.6833	9200	1110.0		6.55		
G	37.7919	107.6833	9200	1110.0		6.55		
G	37.7919	107.6833	9200	640.0		6.26		
G	37.7919	107.6833	9200	640.0		6.26		
G	37.7919	107.6833	9200	322.0		6.28		
G	37.7919	107.6833	9200	322.0		6.28		
M	37.79027	107.66818	9200		252		7.13	7.192
M	37.79026	107.66691	9200				6.38	
G	37.7919	107.6833	9200	125.0		5.92		
G	37.7919	107.6833	9200	125.0		5.92		
G	37.7919	107.6833	9200	84.0		6.1		
G	37.7919	107.6833	9200	84.0		6.1		
M	37.79027	107.66818	9200		65.5		6.45	5.836
G	37.7919	107.6833	9200	62.0		5.44		
G	37.7919	107.6833	9200	62.0		5.44		
G	37.7919	107.6833	9200	77.0		6.33		
G	37.7919	107.6833	9200	77.0		6.33		
G	37.7919	107.6833	9200	61.0		5.36		
G	37.7919	107.6833	9200	61.0		5.36		
G	37.7919	107.6833	9200	53.0		4.8		
G	37.7919	107.6833	9200	53.0		4.8		
G	37.7919	107.6833	9200	51.0		5.17		
G	37.7919	107.6833	9200	51.0		5.17		
G	37.7919	107.6833	9200	175.0		5.7		
G	37.7919	107.6833	9200	175.0		5.7		
M	37.79027	107.66818	9200		182		6.76	6.734
G	37.7919	107.6833	9200	232.0		6.36		
G	37.7919	107.6833	9200	232.0		6.36		
M	37.79027	107.66818	9200		391		7.05	7.486
G	37.7919	107.6833	9200	340.0		6.14		
G	37.7919	107.6833	9200	340.0		6.14		
G	37.7919	107.6833	9200	134.0		6.65		

G	37.7919	107.6833	9200	134.0		6.65		
M	37.79027	107.66818	9200		74.2		6.26	6.099
G	37.7919	107.6833	9200	89.0		6.78		
G	37.7919	107.6833	9200	89.0		6.78		
G	37.7919	107.6833	9200	69.0		6.23		
G	37.7919	107.6833	9200	69.0		6.23		
G	37.7919	107.6833	9200	68.0		6.58		
G	37.7919	107.6833	9200	68.0		6.58		
G	37.7919	107.6833	9200	31.0		5.89		
G	37.7919	107.6833	9200	31.0		5.89		
G	37.7919	107.6833	9200	26.0		6.79		
G	37.7919	107.6833	9200	26.0		6.79		
M	37.79027	107.66818	9200		87.8		6.27	6.39
G	37.7919	107.6833	9200	19.0		5.36		
G	37.7919	107.6833	9200	19.0		5.36		
G	37.7919	107.6833	9200	-9.0		5.35	5.35	
G	37.7919	107.6833	9200	18.0		4.95		
G	37.7919	107.6833	9200	19.0		4.92		
G	37.7919	107.6833	9200	-9.0		5.35	5.35	
G	37.7919	107.6833	9200	-9.0		6.38	6.38	
M	37.79027	107.66818	9200		263		6.6	7.06
G	37.7919	107.6833	9200	96.0		5.63		
G	37.7919	107.6833	9200			6.8	6.5	
G	37.7919	107.6833	9200	218.1		6.95	6.95	
M	37.79027	107.66818	9200		1570		7	7
G	37.7919	107.6833	9200	-9.0		7.41	7.41	
G	37.7919	107.6833	9200			6.83	7.22	
G	37.7919	107.6833	9200	409.8		6.93	6.93	
G	37.7919	107.6833	9200	163.0		6.48		
M	37.79027	107.66818	9200		209		6.73	7.53
G	37.7919	107.6833	9200	-9.0		6.96	6.96	
G	37.7919	107.6833	9200	54.0		6.41		
G	37.7919	107.6833	9200			6.3	7.13	
G	37.7919	107.6833	9200	300.0		7.42		
G	37.7919	107.6833	9200	-9.0		7.22		
M	37.79027	107.66818	9200		67.6		6.49	6.06
G	37.7919	107.6833	9200	29.0		6.04		
G	37.7919	107.6833	9200			6.49	6.37	
G	37.7919	107.6833	9200	16.0		5.2		
G	37.7919	107.6833	9200	-9.0		4.90		
G	37.7919	107.6833	9200					
G	37.7919	107.6833	9200	23.0		5.49		
G	37.7919	107.6833	9200	-9.0		6.02		
G	37.7919	107.6833	9200	-9.0		6.05		
G	37.7919	107.6833	9200	550.0		6.7	7.18	
G	37.7919	107.6833	9200	550.0		6.72		
G	37.7919	107.6833	9200	147.0		6.18		

M	37.79027	107.66818	9200		860	6.86	7.15
G	37.7919	107.6833	9200	-9.0		7.39	
M	37.79027	107.66818	9200		1170	7.51	7.58
G	37.7919	107.6833	9200	-9.0		7.30	
G	37.7919	107.6833	9200	350.0		6.6	7.43
G	37.7919	107.6833	9200	350.0		6.60	
G	37.7919	107.6833	9200	138.0		7.48	
M	37.79027	107.66818	9200		153	6.7	7.39
G	37.7919	107.6833	9200	-9.0		6.51	
G	37.7919	107.6833	9200	65.0		6.7	6.97
G	37.7919	107.6833	9200	54.0		7.37	
G	37.7919	107.6833	9200	-9.0		6.25	
G	37.7919	107.6833	9200	148.0		6.63	
G	37.7919	107.6833	9200	39.0		6.76	
M	37.79027	107.66818	9200		115	6.46	5.87
G	37.7919	107.6833	9200	129.0		6.75	
G	37.7919	107.6833	9200	120.0		6.75	
G	37.7919	107.6833	9200	ice		5.85	
G	37.7919	107.6833	9200	ice		5.55	
G	37.7919	107.6833	9200	ice		5.4	
G	37.7919	107.6833	9200	115.0		6.01	
G	37.7919	107.6833	9200	181.0		6.01	
G	37.7919	107.6833	9200		181.0		6.23
M	37.79027	107.66818	9200		356	6.8	6.74
	37.7919	107.6833	9200			7.29	
M	37.79027	107.66818	9200		1040	7	7.35
G	37.7919	107.6833	9200		779.0		6.55
G	37.7919	107.6833	9200		779.0		7.21
	37.7919	107.6833	9200			7.19	
M	37.79027	107.66818	9200		297	7	7.78
G	37.7919	107.6833	9200				
G	37.7919	107.6833	9200		286.0	8.01	
G	37.7919	107.6833	9200		131.0	6.7	
G	37.7919	107.6833	9200		166.0	6.7	
G	37.7919	107.6833	9200		124.0		6.7
G	37.7919	107.6833	9200		124.0		6.85
G	37.7919	107.6833	9200		216.0	7.99	
G	37.7919	107.6833	9200		216.0	7.99	
	37.7902	107.66757				6.95	
G	37.7919	107.6833	9200		131.0		6.7
G	37.7919	107.6833	9200		131.0	6.7	
G	37.7919	107.6833	9200		131.0	6.7	
M	37.79027	107.66818	9200		98.6	6	6.17
G	37.7919	107.6833	9200		66.0	5.03	
G	37.7919	107.6833	9200		66.0	5.03	
G	37.7919	107.6833	9200		87.0		

G	37.7919	107.6833	9200		114.0		5.45	
G	37.7919	107.6833	9200		114.0		5.45	
M	37.79027	107.66818	9200		227		6.4	6.96
G	37.7919	107.6833	9200			400	6.12	
G	37.7919	107.6833	9200		342.0			7.02
M	37.79027	107.66818	9200		1230		7.1	7.72
	37.7902	107.66757					7.62	
G	37.7919	107.6833	9200		1260.0		7.08	
G	37.7919	107.6833	9200				7.08	
	37.7902	107.66757					7.58	
G	37.7919	107.6833			334.0		6.4	
G	37.7919	107.6833	9200		334.0		7.11	
G	37.7919	107.6833	9200		334.0		6.4	7.09
G	37.7919	107.6833	9200				6.78	
	37.7902	107.66757					7.56	
G	37.7919	107.6833	9200	147			6.96	
G	37.7919	107.6833	9200		138.0		6	7.09
M	37.79027	107.66818	9200		200		6.6	7.05
G	37.7919	107.6833	9200				6.91	
M	37.79027	107.66818	9200		176		6.6	7.5
G	37.7919	107.6833	9200				6.58	
G	37.7919	107.6833	9200		167.0		7	6.76
G	37.7919	107.6833	9200				5.57	
	37.7902	107.66757					7.35	
G	37.7919	107.6833	9200				5.23	
G	37.7919	107.6833	9200				5.43	
M	37.79027	107.66818	9200		143		6.7	7.12
G	37.7919	107.6833	9200		763.0		6.77	6.55
							6.77	
	37.7902	107.66757					7.23	
M	37.79027	107.66818	9200		1130		7.6	7.36
G	37.7919	107.6833	9200		371.0		6.85	6.99
							7.02	
	37.7902	107.66757					7.34	
M	37.79027	107.66818	9200		261		6.8	7.17
							7.4	
G	37.7919	107.6833	9200		148.0		6.53	6.88
	37.7902	107.66757					7.24	
							6.25	
M	37.79027	107.66818	9200		125		6.6	6.53
G	37.7919	107.6833	9200		119.0		6.4	6.55
							6.4	
							5.91	
	37.7919	107.6833	9200				-9	-9
	37.7919	107.6833	9200				-9	-9
	37.7919	107.6833	9200				6.6	6.85

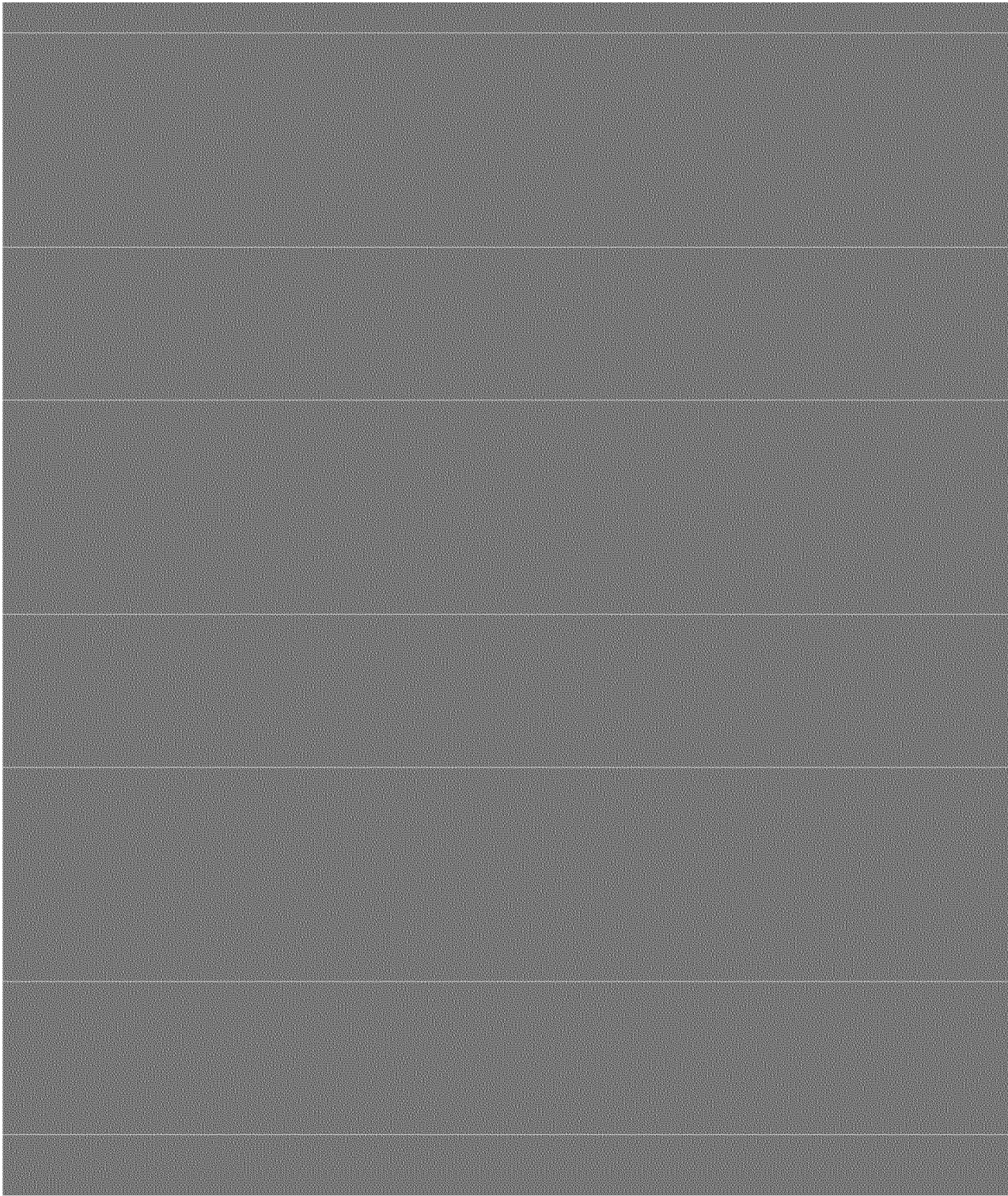
						6.6	
	37.7902107.66757					6.79	
M	37.79027 107.66818	9200		348		6.8	7.45
						7.1	
M	37.79027 107.66818	9200		1880		7	7.62
	37.7919 107.6833	9200		780.0	7.65	6.93	
						7.19	
			86			6.94	
	37.7902107.66757					7.42	
M	37.79027 107.66818	9200		197		6.6	7.56
	37.7919 107.6833	9200		165.0	7.23	6.38	
				165		7.23	
						6.22	
	37.7902107.66757					6.46	
						5.84	
M	37.79027 107.66818	9200		74.8		6.7	5.38
						5.37	
G	37.7919 107.6833	9200		-9		-9	
G	37.7919 107.6833	9200		-9		-9	
M	37.79027 107.66818	9200		501		6.8	7.81
G	37.7919 107.6833	9200		1490		7.83	7.21
				1490		7.07	
	37.79006 107.66758	9155		1710		7.08	
	37.7902107.66757					7.25	
						7.22	
	37.79006 107.66758	9155	72.8	615		7.09	
	37.79006 107.66758	9155	72.8				
	37.79006 107.66758	9155					
G	37.7919 107.6833	9200		548		7.7	7.29
/cm	37.7919 107.6833	9200				7.16	
	37.79006 107.66758	9155		407		6.88	
	37.79006 107.66758	9155					
M	37.79027 107.66818	9200		223		6.8	7.56
	37.7902107.66757					6.41	
			636			6.55	
	37.79006 107.66758	9155		104		6.4	
	37.79006 107.66758	9155					
M	37.79027 107.66818	9200		94.6		6.2	7.5
G	37.7919 107.6833	9200		120		7.93	6.51
				120		6.56	
	37.79006 107.66758	9155	85	123		6.46	
	37.79006 107.66758	9155					
	37.79006 107.66758	9155					
						4.74	
	37.7902107.66757					5.89	
G	37.7919 107.6833	9200		76		6	5.9

			76.0		6	5.9
			30			5.71
M	37.79027 107.66818	9200		71.3		5.75
	37.79006 107.66758	9155		68		5.93
37.79006 107.66758			9155	85		
					5.39	
	37.79006 107.66758	9155	17.9			5.07
37.79006 107.66758			9155	17.9		5.07
37.79006 107.66758			9155	17.9		
	37.79006 107.66758	9155		51.6		5.04
37.79006 107.66758			9155	38	51.6	5.04
37.79006 107.66758			9155		51.6	5.04
37.79006 107.66758			9155		51.6	5.04
37.79006 107.66758			9155			
37.79006 107.66758			9155			
	37.79006 107.66758	9155	576	138		6.09
37.79006 107.66758			9155	138		6.09
M	37.79027 107.66818	9200		189		6.56
	37.79006 107.66758	9155	33	1580		6.51
37.79006 107.66758			9155			
M	37.79027 107.66818	9200		1300		7.07
				259		6.8
				259		6.8
	37.79006 107.66758	9155		205		6.41
37.79006 107.66758			9155	33		
37.7902 107.66757					6.72	
37.7919 107.6833			9200			7.64
M	37.79027 107.66818	9200		199		6.63
				141		
	37.79006 107.66758	9155		96		6.48
37.79006 107.66758			9155	96		6.48
37.79006 107.66758			9155			
					7.54	
	37.79006 107.66758	9155		99		6.25
37.79006 107.66758			9155	99		6.25
37.79006 107.66758			9155			
37.79006 107.66758			9155			
				110		6.38
				110		6.38
						5.82
			81.0			5.30
	37.7902 107.66757			117		6.3
					5.84	
M				116		6.2
						6.26

					7.95	
	37.7902107.66757			1850	7.4	
				1620	6.50	
					6.86	
				730	7.08	
					7.71	
				158	6.51	
	37.7902107.66757			132	6.4	
					7.76	
M				116	7.13	6.39
				102	6.38	
					7.41	
				125.0	6.23	
					6.73	
M				148	7.2	6.16
	37.7902107.66757			91	6.2	
					6.13	
	G	37.7919	107.6833	9200	127.0	7.97
	G	37.7919	107.6833	9200		4.95
	G	37.7919	107.6833	9200		5.13
	G	37.7919	107.6833	9200		7.46
	G	37.7919	107.6833	9200		7.83
etals plug from 37.7919 107.6833 9200						
						6.59
						6.59
	G	37.7919	107.6833	9200		7.96
	G	37.7919	107.6833	9200		7.78
	G	37.7919	107.6833	9200		7.79
				74		5.79
	G	37.7919	107.6833	9200		6.29
				72		6.54
	G	37.7919	107.6833	9200		5.04
d at 1430	G	37.7919	107.6833	9200		4.42
		37.7919	107.6833	9200		4.49
		37.7919	107.6833	9200		4.57
		37.7919	107.6833	9200		4.56
		37.7919	107.6833	9200		4.64
		37.79027107.66758	9155			
		37.79027107.66758	9155			
		37.79027107.66758	9155			
		37.79027107.66758	9155			
		37.79027107.66758	9155			
		37.79027107.66758	9155			
		37.79027107.66758	9155			
		37.79027107.66758	9155			
		37.79027107.66758	9155			

[illegible]

[illegible]



TEMP_C	field Cond.	lab cond.	HARD_MG as CaCO3=	Field Alk mg/l	Phen_Alk Mg/l	Total alk. Mg/l	ACIDITY	CA_TOT_M: A_DIS_MG
0.1	500		200			36	-9	-9.0
0.3	410		200			34	-9	-9.0
2.2	490		200			34	-9	-9.0
1.1	340		150			32	-9	-9.0
7	250		110			30	-9	-9.0
5	120		54			22	-9	-9.0
10	210		95			28	-9	-9.0
10	220		100			42	-9	-9.0
3.1	270		120			36	-9	-9.0
5.3	300		130			36	-9	-9.0
2.8	350		160			36	-9	-9.0
0.6	370		180			33	-9	-9.0
1.1	370		180			39	-9	-9.0
1	400		180			35	-9	-9.0
2.2	450		190			40	-9	-9.0
6.1	190		87			24	-9	-9.0
4	96		58			24	-9	-9.0
12	150		75			24	-9	-9.0
8.9	180		110			30	-9	-9.0
10.8	180		89			34	-9	-9.0
8	290		150			36	-9	-9.0
10.6	290		150			36	-9	-9.0
1	310		170			44	-9	-9.0
0.6	420		200			36	-9	-9.0
1.7	410		200			36	-9	-9.0
0.6	370		210			36	-9	-9.0
2.4	400		190			35	-9	-9.0
4	320		150			36	-9	-9.0
3.3	360		150			30	-9	-9.0
9.4	130		57			15	-9	-9.0
10	150		81			32	-9	-9.0
9.4	220		120			32	-9	-9.0
10	270		140			40	-9	-9.0
3.3	210		110			36	-9	-9.0
2.2	280		130			36	-9	-9.0
0.6	280		150			36	-9	-9.0
0.6	350		180			40	-9	-9.0
0.6	460		200			36	-9	-9.0
9.5	265		184			-9	-9	-9.0
8.5	370		134			-9	-9	-9.0

8.5	270	109	-9	-9		-9.0
4.8	180	-5	-9	-9		-9.0
11.5	170	104	-9	-9		-9.0
7.8	500	250	10	-9		-9.0
11.7	220	96	12	-9		-9.0
7.2	-9	81	14	-9		-9.0
8	-9	69	18	-9		-9.0
4	-9	61	-9	-9		-9.0
11.1	-9	72	14	-9		-9.0
7	-9	73	-9	-9		-9.0
10.6	-9	100	12	-9		-9.0
8.9	-9	180	14	-9		-9.0
6.7	-9	210	16	-9		-9.0
4.5	-9	-9	-9	-9		-9.0
3.5	-9	256	-9	-9		-9.0
5	-9	260	10	-9		-9.0
7.8	-9	39	12	-9		-9.0
8	220	93	-9	-9		-9.0
10	252	91	-9	-9		-9.0
13.3	-9	150	16	-9		-9.0
12.2	-9	220	14	-9		-9.0
3.9	-9	240	12	-9		-9.0
1	590	270	5.9	-9	-9.0	100.0
0.6	-9	260	14	-9		-9.0
-9	-9	330	8	-9		-9.0
8.3	-9	320	8	-9		-9.0
8.9	-9	87	14	-9		-9.0
8	190	73	12	-9	-9.0	26.0
6.5	133	53	15	-9	-9.0	19.0
13.3	-9	76	16	-9		-9.0
12.8	-9	150	14	-9		-9.0
12	362	160	12	-9	-9.0	59.0
12.2	-9	200	14	-9		-9.0
2.5	478	230	8.1	-9	-9.0	84.0
1.1	-9	-9	10	-9		-9.0
2.2	-9	-9	10	-9		-9.0
2.2	-9	-9	10	-9		-9.0
-9	-9	340	4	-9		-9.0
4.10	-9.00	-9.00	-9.00	-9.00	-9.0	-9.0
4.10	-9.00	-9.00	-9.00	-9.00	-9.0	-9.0
1	478	210	2.6	-9	-9.0	76.0
1.11	-9	215	4	-9		-9.0
-9	130	-9	13	-9	18.0	-9.0
1.1	-9	60	12	-9		-9.0
-9	324	-9	16	-9	58.0	-9.0
-9	603	-9	7	-9	101.0	-9.0
1	545	270	4.9			99.0

1.1	635	134.28		11	-9		110.0
5.7	373	-9		6	-1	71.0	-9.0
4	420	180		4.7			66.0
3.8	420	180		4.7	0.1	-9.0	66.0
3.8	402	-9		-1	-9		-9.0
2	117	48		12			17.0
6.00	110.00	57.30		-9.00	-9.00	20.7	-9.0
9.50	250.00	135.00		-9.00	-9.00	49.3	-9.0
9.50	250.00	124.00		-9.00	-9.00	-9.0	-9.0
13.0	270.0	209.0		-9.0	-9.0	-9.0	-9.0
13.0	270.0	231.0		-9.0	-9.0	84.2	-9.0
9	422	190		7.7			69.0
7.00	340.00	190.00		-9.00	-9.00	68.9	-9.0
7.00	340.00	179.00		-9.00	-9.00	-9.0	-9.0
2.4	377	186					67.7
4.0	320.0	164.0		-9.0	-9.0	-9.0	-9.0
4.0	320.0	174.0		-9.0	-9.0	63.1	-9.0
3.0	390.0	-9.0		-9.0	-9.0	-9.0	-9.0
3.0	390.0	233.0		-9.0	-9.0	85.0	-9.0
0.2	440		10.2			72.2	75.1
	0.2	440	210	10		4.96	77.0
1.0	450.0	264.0		-9.0	-9.0	-9.0	-9.0
1.0	450.0	266.0		-9.0	-9.0	97.3	-9.0
0.00	470.00	275.00		-9.00	-9.00	99.7	-9.0
0.00	470.00	269.00		-9.00	-9.00	-9.0	-9.0
3.6	554		4.8			88.6	85.4
0.5	565		4.0			92.0	105.3
1.0	450.0	270.0		-9.0	-9.0	-9.0	-9.0
1.0	450.0	268.0		-9.0	-9.0	97.5	-9.0
0.7	642		2.0			100.4	113.4
						95.2	108.3
2.00	550.00	344.00		-9.00	-9.00	126.0	-9.0
2.00	550.00	-9.00		-9.00	-9.00	-9.0	-9.0
2.00	550.00	325.00		-9.00	-9.00	-9.0	-9.0
2.00	550.00	-9.00		-9.00	-9.00	-9.0	-9.0
4.8	466		5.5			65.1	72.3
2.0	430.0	-9.0		-9.0	-9.0	-9.0	-9.0
2.0	430.0	235.0		-9.0	-9.0	-9.0	-9.0
2.0	430.0	-9.0		-9.0	-9.0	-9.0	-9.0
2.0	430.0	250.0		-9.0	-9.0	90.6	-9.0
5.5	333		9.0			51.5	50.4
	5.5	333	147.8	9		5.46	53.3
6.00	220.00	112.00		-9.00	-9.00	40.4	-9.0
6.00	220.00	-9.00		-9.00	-9.00	-9.0	-9.0
6.00	220.00	110.00		-9.00	-9.00	-9.0	-9.0
6.00	220.00	-9.00		-9.00	-9.00	-9.0	-9.0
9.1	194		10.5			30.5	26.0

4.7	159		12.5			23.3	21.3
4.3	196		13.0			32.3	28.9
8.4	121		11.2			17.9	16.5
6.0	130.0	67.5		-9.0	-9.0	-9.0	-9.0
6.0	130.0	60.5		-9.0	-9.0	21.4	-9.0
4.1	122		14.5			20.2	20.0
4.3	142		15.5			20.8	21.2
	4	138	59.15	16		<4.96	21.2
8.6	130		13.0			14.1	21.4
7.0	126		13.0			14.1	19.9
6.50	140.00	58.50		-9.00	-9.00	20.6	-9.0
6.50	140.00	85.00		-9.00	-9.00	-9.0	-9.0
7.0	159		14.5			19.9	24.5
9.3	155		14.5				24.5
6.8	180.0	90.0		-9.0	-9.0	-9.0	-9.0
6.8	180.0	102.0		-9.0	-9.0	36.6	-9.0
7.6	215		18.0			27.3	33.0
	6.8	214	92.17			<4.96	33.1
8.00	310.00	115.00		-9.00	-9.00	42.3	-9.0
8.00	310.00	164.00		-9.00	-9.00	59.2	-9.0
9.8	229		16.0			30.3	35.4
3.5	260.0	146.0		-9.0	-9.0	52.3	-9.0
3.5	260.0	128.0		-9.0	-9.0	46.4	-9.0
2.0	312		14.0			16.0	51.3
	2	312	142.7	14		9.04	51.9
2.90	340.00	206.00		-9.00	-9.00	74.8	-9.0
2.90	340.00	184.00		-9.00	-9.00	66.3	-9.0
0.0	448		11.5			19.2	76.1
3.0	400.0	226.0		-9.0	-9.0	82.5	-9.0
2.5	400.0	240.0		-9.0	-9.0	87.5	-9.0
1.0	527		2.5			83.6	85.2
1.60	430.00	292.00		-9.00	-9.00	106.0	-9.0
1.60	430.00	270.00		-9.00	-9.00	97.3	-9.0
3.6	480.0	294.0		-9.0	-9.0	107.0	-9.0
3.6	480.0	296.0		-9.0	-9.0	108.0	-9.0
1.0	538		3.5			114.1	99.1
4	520	316					116.0
4	520	276					100.0
2.5	628		3.0			98.1	96.1
5	450	271					99.4
5	450						
5	450	259					
5	450						
9.6	427		2.0			72.9	69.3
4.6	250		9.0			33.6	40.0
	4.5	237	102.9	11		<4.96	37.1
9	240	153					

9	240		122				
2.7	140			11.0		20.0	22.1
4.8	137			11.0		20.1	22.3
	5	129		54.47	12.6	<4.96	19.4
5	140		89				31.9
5	140		75				27.0
3.5	172			13.0		25.6	26.4
4.4	142			16.0		19.4	22.0
7	110		70				
7	110		61				
7.2	160			12.0		25.5	25.2
10.1	232			14.0		36.2	35.8
	9.5	234		101.1	20	<4.96	36.4
9	250		150				
9	250		129				
			147				53.1
8.7	560		147				53.1
9	340		185				
9	340		183				
7.5	440			18.0		78.1	73.0
7	350		205				64.6
7	350		179				74.3
4	380		243				
4	380		213				77.4
	1	447		205.5	10	9.43	74.6
3	410		174				61.5
3	410		230				83.3
4	460		301				
4	460		312				
0	480		393				
0	480		324				
1.4	592			4.0			105.6
2	520		269				
2	520		310				
5	420		226				
5	420		234				
	9.3	474		216.8	7	8.44	79.0
2.9	242			7.0			68.7
6	420		228				
6	420		229				
	4.4	158		64.52	16	<4.96	23.0
7	110		60				
7	110		54				
10	119		54.2				19.3
12	110		60				
12	110		62				
10	170		85				

10	170		85				
11.7	198			16.0			32.4
	8.5	239		108.2	21	<4.96	38.7
9	180		92				
9	180		89				
8	320		189				
8	320						
5	520		250				
5	520		240				
	1.2	540		256.1	6	22.8	93.2
3	390		279				
3	390		277				
4	460		290				
4	460		ND				
2	520		363				
2	520		298				
4	490		289				
4	490		295				
4	440		271				
4	440		256				
	3.2	373		161.9	8		58.3
	10.6				7		52.6
6	160		91				
6	160		80				
	2.9	116		48.72	12	<4.96	17.3
	4.8				7		20.2
9	120		64				
9	120		67				
	13.8				13.2		42.1
10	250		141				
10	250		149				
	11.5				12		54.7
14	340		185				
14	340		203				
	10.2	473		213.8	8	5.96	77.7
	12					78.9	77.9
10	340		184				
10	340		197				
	11.4				16.5		72.6
9	390		221				
9	390		231				
4	380		222				
4	380		228				
	0.6	508		238.3	6.6		86.8
	0.4					99.5	98.8
4	470		272				
4	470		282				

4	540		335			
4	540		312			
4	540					
4	540					
3	500		327			
3	500		308			
5	540		347			
5	540		357			
	4.5			3	115	109.0
5	410		236			
5	410		268			
	5.5	261		114.2	11.4	41.2
6	170		87.00			
6	170		91			
	4.7	145		63.72	17.2	22.7
10	120		66			
10	120		67			
12	150		75			
12	150		88			
21	200		95			
21	200		113			
	11.1	293		130.3	17.6	46.8
	8.9				54.1	56.1
6.6	330		180			
6.6	330		202			
6.7	420		246			
6.7	420		249			
	4.5	502		247.9	5.2	90.1
9.6	450		259			
9.6	450		261			
4.5	470		296			
4.5	470		317			
2.5	480		292			
2.5	480		321			
5.7	530		333			
5.7	530		336			
2.8	530		263			
2.8	530		338			
7.6	330		163			
7.6	330		163			
	5.4	331		152.1	8	55.1
5.7	250		128			
5.7	250		136			
	9.9	206		90.98	15	32.7
6.5	190		97			
6.5	190		102			
10.9	370		233			

10.9	370		198					
	11.5	496	241.7	5.8				88.1
12.8	410		217					
12.8	410		235					
12.2	460		278					
12.2	460		283					
5.2	310		195					
5.2	310		177					
4.2	460		255					
4.2	460		285					
3.1	490		294					
3.1	490		308					
	0.7	499	249.2	5				90.7
3.3	440		304					
3.3	440		309					
3.0			310.0	0.0	2.0		104.5	104.1
0.1	490		288					
6.5	520		272					
-3.0			336.0	0.0	4.0		101.4	99.8
-3.0			212.0	0.0	4.0		62.5	61.9
	6.1	284	125.8	10				45.2
6.7	230		184					
4.6	301	316			9	<1	50.1	
4.6			152.0	0.0	6.0		47.5	45.1
	6.2	133	48.97	12				17.2
1.0			58.0	0.0	12.0		20.1	19.6
10.7	230	242			15	<1	42.2	
10.7			112.0	0.0	12.0		34.1	32.8
8.8	180		107					
	8.4	292	126.2	12.8				45.3
15.0			144.0	0.0	8.0		44.0	44.7
9.9	300		182					
7.2	318	336			14	<1	52.6	
7.2			164.0	0.0	8.0		47.3	45.7
8.5			178.0	0.0	6.0		56.6	56.8
	5.6	501	246.6	8.8				89.6
2.4	390		254					
0.1	474	541			5	4	91.0	
2.0	450		283					
0.0			348.0	0.0	4.0		102.8	100.2
5.9	400		270					
5.0			228.0	0.0	2.0		69.9	66.1
6.0			184.0	0.0	6.0		57.2	53.0
4.2	215	226			9.8	3.8	34.8	
4.2			108.0	0.0	12.0		33.9	32.3
11	200		105					

	6.1	171		72.91	16				26.0
6.0				76.0	0.0	14.0		22.1	21.2
	8.8	143		59.45	12.8				21.2
6.0				76.0	0.0	14.0		22.7	22.2
8.4	190	266				13	3.3	41.6	
8.4				108.0	0.0	12.0		34.1	33.8
13	250			112					
	14.3	362		162.1	11.2				58.7
10.0				392.0	0.0	4.0		60.3	60.5
5.6	430	457				7	<1	80.0	
13	370			183					
10.0				196.0	0.0	8.0		62.1	60.7
7.0				196.0	0.0	10.0		58.6	52.0
8	410			199					
	5.3	417		202.2	5.66				73.0
1.5	423						7		75.0
1.5				210.0	0.0	6.0		64.8	62.9
1.0				234.0	0.0	2.0		72.7	71.7
0				274	0	0		76.4	86.4
1				244	0	1		74.6	77.0
1				208	0	4		65.8	66.4
1				208	0	4		55.7	56.1
	3.9	338					1.0 U		65
	7.8	277		115.8	10.2				41.2
	2			82		0	1	20107	20.5
	8.6	157		74.61	15.7				26.5
	7.5	158					1		25
			170				3.43	17	25.0
	7.5			72		0	14	23205	23.0
	13.2	276		122.8	11.5				43.9
								42.707	42.8
	11.5			134		0	10	42.707	42.8
	5			142		0	6		
	5			142		0	6	63.68	63.2
	5	381					<1		
			409				<2.83	10	65.0
	10			176		0	10		
	10			176		0	10	54.402	52.8
	6.91	389		160			14		
	1.8	371					<1		
	0			200		0	8		
				200		0	8	65.858	64.2
	0.2	498		272.9	3.4				99.4
	1			46		0	4	83.31	81.8
	1			46		0	4	83.31	81.8
								78.35	78.6

2			-9		0	2		
2					0	2	78.35	78.6
6.6	355		153.6	7.4				55.2
4.1					0	6	39.94	36.8
4.1	233	243					<3.57	11
8.7	147		61.25	12.2				21.8
6.08	145		53			16		
7			60		0	10	20.892	20.4
7			60		0	10	20.892	20.4
9.08	212		82			15		
7.6			224		0	1	38.464	38.1
7.6			244		0	1	38.464	38.1
7.6	246	254					4.14	14
10			132		0	10	39.463	39.5
16.09	338		130			13		
7.8			220		0	10	65.07	61.8
7.8	394	441					3.33	12
6.9	353		156.9					56.5
6			106		0	14	34.214	34.3
4.2	379		176.9					63.6
0.8			172		0	8	56.558	55.5
0.8	274	393					1.94	13
2			242		0	2	76.501	76.4
-0.01	331		130			51		
0			284		0	0	91.43	89.9
7			222			2	<1	73.5
6.4	404		179.7					64.6
5.2	228	260					<1	
			106				35.614	35.6
8.25	161		68			18		
5	156		70.37					24.9
9	240	246					<1	
			120				36.488	36.5
11.1	238		99			15		
10.3	284		126.2					45.2
			128				34.328	34.3
9.1	408	386					<1	
7.7	330		130			16		
			168				58.836	58.8
2.5	438		198.4					71.1
3.7	400	469						70.0
			212				72.298	72.3
			236				79.605	79.6
-9	-9	-9	-9			-9	-9	-9.0
-9	-9	-9	-9			-9	-9	-9.0
5	240	259					<1	45.0

	5		116	0	8	35.889	35.9
	7.9	279	110		13		
	4.6	272	118.5				42.3
	8		52	0	12	18.079	18.1
	6.8	131	49.78				17.6
7.8	162	179			<1		30.0
	8		80	0	14	25.306	25.3
	13		130	0	10	41.839	41.8
	12.84	271	110		14		
	9.8	327	144				51.6
7	334	324			<1		65.0
	7		164	0	8	56.83	56.8
	8.5		238	0	2	77.114	77.1
	0.97	555	230	< 10			
	0.2		300	0	1	96.42	96.4
	1.1	555	270.7				98.0
	2.5		272	0	2	88.229	88.2
	-9	-9					
	-9	-9					
	9.3	247	106.8				38.0
	4.1	127	104	15	<5		19.0
	4.1		58	0	12	19.852	19.9
4.71	103						15.9
	3.45	215.3	88		18	30	
	7.5		76	0	12	24.725	24.7
4.95	195				10 U		27.6
					10 U		
					10 U		
	8.1	206	218	14	<5		33.0
	8.1		88	0	10	32390	32.2
7.88	246				10 U		38.7
					10 U		
	11.7	300	133.8				48.1
	12.75	444	190	< 10			
	12		196	0	8	68.691	68.7
6.62	443				10 U		75.6
					10 U		
	8.1	474	210.4				75.9
	7	428	414	<5		6	70.0
	7		210	0	4	68.357	68.4
3.22	433				10 U		71.2
					10 U		
	4.5		206	0	2	73.235	73.2
	0.7	585.5	270	< 10			
	0.7	474	540	<5		12	93.0

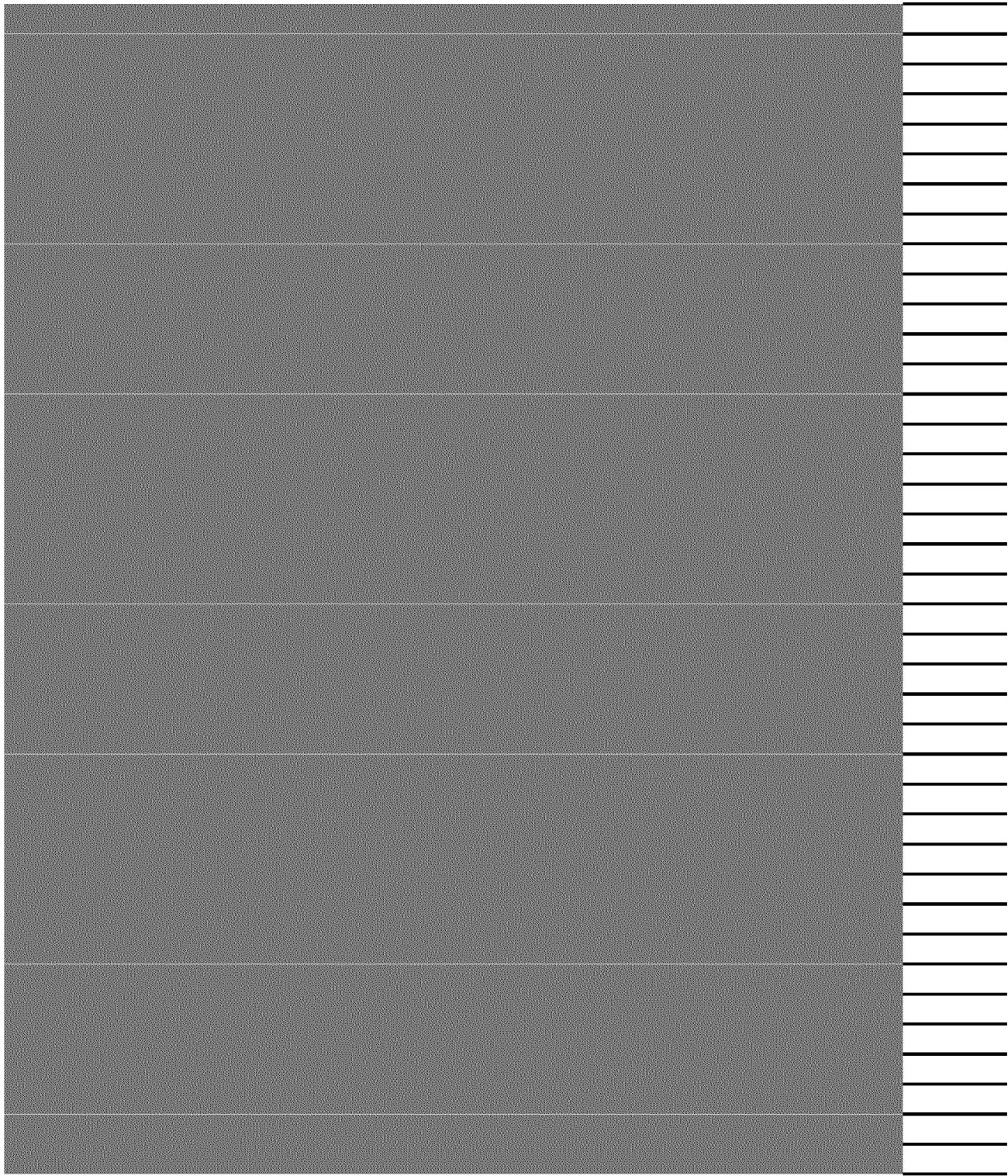
0.7	474	540			12		93.0
1			206	0	2	79.779	79.8
1.9	542		245.7				88.5
0.13	620					15	107.0
					15		
0			272	0	2	85.028	85.0
0.04	698						127.0
0.04	698						
					29		
-0.02	687						122.0
-0.02	687						
-0.02	687						122.0
-0.02	687						
					29		
					26		
					24		
0.21	396						63.4
0.21	396						63.0
5.7	358		157.6				57.0
3.1	138						19.1
					10 U		
12	133		59.04				21.0
8.1	265	281			<5		47.0
8.1			128	0	14	41.385	41.4
7.37	310						48.7
					10 U		
8.64	316.6		110		12		
10			136	0	12	49.6	46.2
9.93	334		146				52.4
5.3	453						88.0
5.3	453						73.9
					10 U		
7			252	0	6	75.627	75.6
0.5	468						83.7
0.5	468						82.4
					10 U		
					10 U		
0.9	428	472			<5		76.0
0.9			236	0	10	72.775	72.8
1			256	0	4	98.527	98.5
0.47	576		273		13		98.7
1.9	477		218				78.6
6			208	<.1	6	76	71.2
2.2	402	452			5		79.0

7		124		<.1	10		41	40.2
2.2	128	53						18.6
6.96	127	55				<10		19.4
9.5		76		<.1	14		24	22.1
7.70	171	75				<10		26.5
12		114		<.1	14		39	38.5
7.21	350	161				<10		57.3
8.9	400	174						62.6
8.3		212		<.1	8		69	67.0
8.3	361					<5		72.0
7.05	442	210				<10		75.3
3		216		<.1	6		64	62.8
1.36	399	183				<10		65.6
5.7		240		<.1	2		73.8	72.5
5.7	417					<5		80.0
0.4	515	254						91.6
-0.5		264		<.1	4		88.1	87.0
377		186						67.7
1.5		296		0	2		93.824	93.594
2		316		0	2		99.806	96.567
		148		0	10		47.688	46.971
6		108		0	14		35.04	34.331
2							26.173	25.277
		87			15.4		30600	31000
		83			15.9		30500	29300
7.5		74		0	20		28.381	28.175
12		180		0	10		61.093	59.509
15		240		0	4		70.871	70.118
		261					91100	94300
10		276		0	2		91.045	88.437
		266					93300	95900
3		292		0	2		115.484	106.333
0		392		0	0		128.872	128.502
0		344		0	2		105.209	100.79
2.5		332		0	0		104.899	102.717
1		364		0	0		123.77	119.318
2		272		0	0		100.858	98.271
		198						73200
		238						87300
		258						95500
		257						94800
		248						91500
		231						85200
		208						76900
		190						70000
		192						70400

	188		68800
	126		64700
	147		53300
	129		47100
	102		37300
	91		33100
	96		34700
	96		34700
	96		34700
	84		30400
	88		31900
	96		34900
6.5	110	0 10 35.578	35.28
	112		40800
	119		43500
	126		45700
	133		48600
	136		49600
	128		46300
	94		33200
		13.3 28900	29100
	70		24700
	66		23300
	62		22100
	60		21900
	63		23000
	74		27100
	87		32100
	80		29300
	69		25100
	62		22400
	58		21500
	62		22600
	60		22000
	61		22500
	70		25700
	72		26200
	84		30600
	84		30400
	80		29100
	77		28000
	77		27900
	72		28300
12	80	0 12 26.627	25.871
	72		26400
	69		25300
	76		28300

	76			27900	
	74			27000	
	76			27700	
	77			28300	
	84			30700	
	87			31900	
	90			33200	
	98			36300	
	102			37200	
	106			38800	
	110			40000	
	112			40900	
	120			44000	
	118			42600	
	130			47700	
	126			46700	
	134			49500	
	144			53100	
	140			51600	
	143			52500	
	138			50500	
	147			54100	
	154			56200	
	152			55900	
	151			55100	
	160			59100	
	166			60800	
	170			62300	
	173			63200	
15.5	192	0	6	69.713	64.045
	180				65800
	178				65400
	181				66200
	182				66900
	186				68500
	168				61500
	176				65000
	182				67100
	184				67800
	161				59200
	164				60700
	142				51500
8.5	146	0	12	50.96	50.544
10.5	178	0	8	65.752	62.82
9	132	0	18	46.937	46.266
1.5	226	0	8	69.133	66.814
0.5	232	0	6	83.966	

[illegible]



98	2.7	-9.0	1100.0	110.0	<.2	<.2	-9	-9	-9
-9	-9.0	-9.0	790.0	-1.0	<.2	<.2	-1	-9	-9
93	2.7	-9.0	1000.0	70.0	<.2	<.2	-9	-9	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	-9	-9	-9	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	<.2	-9	-9	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	<.2	-9	-9	-9
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-9	-9.0	-9.0	-9.0	-1.0	-9	<.2	-9	-9	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	<.2	-9	-9	-9
-9	-9.0	-9.0	-9.0	-1.0	-9	<.2	-1	-9	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	<.2	-9	-9	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	<.2	-9	-9	-9
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-9	-9.0	-9.0	-9.0	-9.0	-9	<.2	-9	-9	-9
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240	4.0	-9.0	-9.0	52.0	-9	<.2	-9	<1	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	<.2	-9	-9	-9
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84	2.1	-9.0	-9.0	-1.0	-9	-9	-9	-9	-9
82	2.1	-9.0	-9.0	-1.0	-9	-9	-9	-9	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	<.2	-9	-9	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	<.2	-9	-9	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	<.2	-9	-9	-9
	-9.0	5.4	-9.0	100.0	-9	<.3	-9	<.6	-9
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-9	-9.0	-9.0	-9.0	-9.0	-9	<.2	-9	-9	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	<.2	-9	-9	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	<.2	-9	-9	-9
	-9.0	1.9	-9.0	10.0	-9	<1	-9	<.6	-9
	-9.0	1.3	-9.0	50.0	-9	<1	-9	<.6	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	<.2	-9	-9	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	<.2	-9	-9	-9
	-9.0	3.3	-9.0	20.0	-9	<1	-9	<.6	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	<.2	-9	-9	-9
	-9.0	4.6	-9.0	-9.0	-9	-9	-9	-9	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	-9	-9	-9	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	-9	-9	-9	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	-9	-9	-9	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	-9	-9	-9	-9
	-9.0	-9.0	2800.0	600.0	-9.000	-9.000	-9.000	-9.000	-9.000
	-9.0	-9.0	-9.0	600.0	-9.000	-9.000	-9.000	-9.000	-9.000
	-9.0	4.4	-9.0	-9.0	-9	-9	-9	-9	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	-9	-9	-9	-9
	4.0	-9.0	145.0	56.0	<.2	<.2	-1	<.5	-9
-9	-9.0	-9.0	-9.0	-9.0	-9	-9	-9	-9	-9
	3.4	-9.0	900.0	29.0	<.2	<.2	-1	<.5	-9
	12.0	-9.0	2020.0	170.0	<.2	<.2	-1	<.5	-9
		5.3	2000.0	150.0		<1			

-9	-9.0	5.9	2300.0	450.0	-9	-9	1	<1	-9
	4.2	-9.0	1800.0	100.0	<5	<5	-1	<5	-9
		3.9	1700.0	120.0		<.3			
	-9.0	3.9	1700.0	140.0	-9	0.2	-9	-9	-9
-9	-9.0	-9.0	1600.0	170.0	-9	-9	-9	-9	-9
		1.3	750.0	50.0		<.3			
	1.4	-9.0	-9.0	60.0	-9.000	-9.000	-9.000	-9.000	-9.000
	2.9	-9.0	-9.0	<50	-9.000	-9.000	-9.000	-9.000	-9.000
	-9.0	-9.0	-9.0	<300	-9.000	-9.000	-9.000	-9.000	-9.000
	-9.0	-9.0	-9.0	<300	-9.0	-9.0	-9.0	-9.0	-9.0
	5.1	-9.0	-9.0	80.0	-9.0	-9.0	-9.0	-9.0	-9.0
		4.1	1700.0	20.0		<.3			
	4.4	-9.0	-9.0	<50	-9.000	-9.000	-9.000	-9.000	-9.000
	-9.0	-9.0	-9.0	60.0	-9.000	-9.000	-9.000	-9.000	-9.000
	4.1		1530.0	0.0			0	0	
	-9.0	-9.0	-9.0	<50	-9.0	-9.0	-9.0	-9.0	-9.0
	4.1	-9.0	-9.0	60.0	-9.0	-9.0	-9.0	-9.0	-9.0
	-9.0	-9.0	-9.0	150.0	-9.0	-9.0	-9.0	-9.0	-9.0
	5.1	-9.0	-9.0	60.0	-9.0	-9.0	-9.0	-9.0	-9.0
	4.5	4.5	1850.5	97.9			0.0	0.0	
			4.3	1700	58.8	<0.2			
	-9.0	-9.0	-9.0	830.0	-9.0	-9.0	-9.0	-9.0	-9.0
	5.7	-9.0	-9.0	850.0	-9.0	-9.0	-9.0	-9.0	-9.0
	6.3	-9.0	-9.0	380.0	-9.000	-9.000	-9.000	-9.000	-9.000
	-9.0	-9.0	-9.0	150.0	-9.000	-9.000	-9.000	-9.000	-9.000
	5.8	5.3	2643.0	445.0			0.0	0.0	
	5.8	6.3	2826.1	675.5			0.0	0.0	
	-9.0	-9.0	-9.0	650.0	-9.0	-9.0	-9.0	-9.0	-9.0
	5.9	-9.0	-9.0	630.0	-9.0	-9.0	-9.0	-9.0	-9.0
	6.3	6.8	3472.2	1493.5			0.0	0.0	
	6.2	6.6	3149.7	1421.6			0.0	0.0	
	7.5	-9.0	-9.0	1600.0	-9.000	-9.000	-9.000	-9.000	-9.000
	-9.0	-9.0	-9.0	-9.0	-9.000	-9.000	-9.000	-9.000	-9.000
	-9.0	-9.0	-9.0	1730.0	-9.000	-9.000	-9.000	-9.000	-9.000
	-9.0	-9.0	-9.0	-9.0	-9.000	-9.000	-9.000	-9.000	-9.000
	4.3	4.6	2100.2	164.1			0.0	0.0	
	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
	-9.0	-9.0	-9.0	110.0	-9.0	-9.0	-9.0	-9.0	-9.0
	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
	5.5	-9.0	-9.0	180.0	-9.0	-9.0	-9.0	-9.0	-9.0
	3.4	3.4	1338.3	79.8			0.0	0.0	
			3.555	1241	31	<0.2			
	2.8	-9.0	-9.0	<50	-9.000	-9.000	-9.000	-9.000	-9.000
	-9.0	-9.0	-9.0	-9.0	-9.000	-9.000	-9.000	-9.000	-9.000
	-9.0	-9.0	-9.0	20.0	-9.000	-9.000	-9.000	-9.000	-9.000
	-9.0	-9.0	-9.0	-9.0	-9.000	-9.000	-9.000	-9.000	-9.000
	2.3	2.0	1255.4	<40			0.0	0.0	

1.8	1.6	612.8	<40			0.0	0.0	
2.3	2.1	681.3	<40			0.0	0.0	
1.6	1.3	966.7	<40			0.0	0.0	
-9.0	-9.0	-9.0	<10	-9.0	-9.0	-9.0	-9.0	-9.0
1.7	-9.0	-9.0	<50	-9.0	-9.0	-9.0	-9.0	-9.0
1.5	1.5	480.2	<40			0.0	0.0	
1.6	1.6	370.6	<40			0.0	0.0	
	1.516	473	42		<0.2			
1.1	1.6	190.5	48.5			0.0	0.0	
1.1	1.4	167.6	<40			0.0	0.0	
1.7	-9.0	-9.0	320.0	-9.000	-9.000	-9.000	-9.000	-9.000
-9.0	-9.0	-9.0	<10	-9.000	-9.000	-9.000	-9.000	-9.000
1.4	1.7	240.3	<40			0.0	0.0	
	1.8	0.0	43.5			0.0	0.0	
-9.0	-9.0	-9.0	<2	-9.0	-9.0	-9.0	-9.0	-9.0
2.4	-9.0	-9.0	<50	-9.0	-9.0	-9.0	-9.0	-9.0
1.9	2.3	352.5	<40			0.0	0.0	
	2.333	553	31		<0.2			
2.2	-9.0	-9.0	<50	-9.000	-9.000	-9.000	-9.000	-9.000
3.8	-9.0	-9.0	<30	-9.000	-9.000	-9.000	-9.000	-9.000
2.1	2.5	496.8	<40			0.0	0.0	
3.6	-9.0	-9.0	100.0	-9.0	-9.0	-9.0	-9.0	-9.0
2.9	-9.0	-9.0	<50	-9.0	-9.0	-9.0	-9.0	-9.0
2.8	3.2	736.5	<40			0.0	0.0	
	3.206	1064	22.344		<0.2			
4.6	-9.0	-9.0	<50	-9.000	-9.000	-9.000	-9.000	-9.000
4.4	-9.0	-9.0	<30	-9.000	-9.000	-9.000	-9.000	-9.000
3.6	4.6	1229.0	42.5			0.0	0.0	
4.7	-9.0	-9.0	50.0	-9.0	-9.0	-9.0	-9.0	-9.0
5.2	-9.0	-9.0	80.0	-9.0	-9.0	-9.0	-9.0	-9.0
5.2	5.3	2322.5	219.0			0.0	0.0	
6.9	-9.0	-9.0	300.0	-9.000	-9.000	-9.000	-9.000	-9.000
6.4	-9.0	-9.0	260.0	-9.000	-9.000	-9.000	-9.000	-9.000
6.4	-9.0	-9.0	590.0	-9.0	-9.0	-9.0	-9.0	-9.0
6.2	-9.0	-9.0	550.0	-9.0	-9.0	-9.0	-9.0	-9.0
7.0	6.3	3706.8	751.8			0.0	0.0	
	6.4		650.0					
	6.3		690.0					
5.8	5.9	2728.1	508.1			0.0	0.0	
	5.6		410.0					
			290.0					
4.6	4.4	1986.0	198.2			0.0	0.0	
2.4	2.5	871.8	69.7			0.0	0.0	
	2.518	961	17.27		<0.2			
			<50					

			<30				
1.5	1.5	761.7	<40			0.0	0.0
1.5	1.5	637.8	76.7			0.0	0.0
		1.435	695	26.414	<0.2		
	2.2		<50				
	1.8		<30				
1.8	1.8	487.7	<40			0.0	0.0
1.5	1.5	320.9	65.1			0.0	0.0
			<50				
			50.0				
1.7	1.8	425.9	<40			0.0	0.0
2.5	2.4	655.5	61.9			0.0	0.0
		2.507	709	27.057	<0.2		
			<50				
	3.4	1102.0	BDL	BDL	<.2	2.3	<1
	3.4		BDL		<.2		<1
			80.0				
			30.0				
4.8	4.6	2178.0	76.7			0.0	0.0
	4.2		140.0				
	4.6		<30				
			<50				
	4.7		70.0				
		4.658	2213	41.895	<0.2		
	4.8		230.0				
	5.4		260.0				
			800.0				
			550.0				
			850.0				
			810.0				
	6.2	0.0	634.1			0.0	0.0
			560.0				
			720.0				
			180.0				
			160.0				
		4.721	2051.3	68.199	<0.2		
	4.4	0.0	<40			0.0	0.0
			160.0				
			150.0				
		1.717	535.77	23.632	<0.2		
			100.0				
			<30				
	1.5	1986.0	BDL	0.3	<.2	2	<1
			140.0				
			<30				
			<50				

			30.0	
2.3			80.6	
	2.809	838.67	19.802	<0.2
			80.0	
			<50	
			50.0	
			0.0	
			120.0	
			160.0	
	5.691	2589.9	213.29	<0.2
			320.0	
			390.0	
			590.0	
			710.0	
			1130.0	
			880.0	
			670.0	
			700.0	
			670.0	
			670.0	
	3.9707	1776.3	65.046	<0.2
	3.5		<19	
			<50	
			<50	
	1.3131	1944.6	31.333	<0.2
	1.5		36.1	
			<50	
			<50	
	2.9		<19	
			<50	
			30.0	
	3.6		<19	
			<50	
			40.0	
	4.8165	2190.1	28.486	<0.2
4.8	4.8	1870	92.9	
			<50	
			<50	
	4.6		24.5	
			90.0	
			300.0	
			70.0	
			30.0	
	5.2464	2784.4	106.76	<0.16
6.27	5.81	3050	459	
			410.0	
			350.0	

			1410.0	
			840.0	
			1260.0	
			820.0	
			1380.0	
			1590.0	
			1360.0	
			1370.0	
6.77	6.27	3170	811	
			520.0	
			510.0	
	2.757	1299E14.843		<0.16
			<50	
			<50	
	1.7205	550.11	33.466	<0.2
			<50	
			<50	
			<50	
			50.0	
			300.0	
			240.0	
	3.27124	1025.82	23.6331	<0.2
3.74	3.87	1210	<40	
			130.0	
			30.0	
			90.0	
			110.0	
	5.56829	2679.82	125.136	<0.1
			210.0	
			270.0	
			640.0	
			610.0	
			930.0	
			930.0	
			1900.0	
			1920.0	
			950.0	
			1750.0	
			170.0	
			130.0	
	3.54088	1394.44	24.992	<0.1
			<50	
			40.0	
	2.23942	584.303	18.6312	<0.1
			<50	
			40.0	
			<50	

			70.0						
		5.29417	2058.24	48.8614	<0.1				
			160.0						
			80.0						
			430.0						
			520.0						
			60.0						
			160.0						
			170.0						
			210.0						
			330.0						
			330.0						
		5.48308	2792.18	143.896	<0.26				
			920.0						
			950.0						
6.8	7.0	3423.0	1158.0			<15	<15		
			1300.0						
			730.0						
7.2	6.9	3357.0	1164.0			<15	<15		
4.6	4.6	1768.0	99.0			<15	<15		
		3.16266	1138.73	20.1126	<0.26				
			<50						
4.1		1.3	<1	<0.2	<0.45	1.82	<1		
3.5	3.4	1142.0	<15			<15	<15		
		1.486	1408	24.927	<0.26				
1.8	1.6	610.0	20.0			<15	<15		
3.0		380.7	14.8	<0.2	<0.2	1.2	<1		
2.8	2.8	605.0	30.0			<15	<15		
			<50						
		3.187	771.1	19.606	<0.26				
	3.6	3.8	1362.0	28.0		<15	<15		
			<50						
4.0		1350.0				1			
4.0	4.0	1134.0	<15			<15	<15		
4.3	4.3	1366.0	38.0			<15	<15		
		5.53	2134.23	43.524	<0.2				
			190.0						
5.7		2320.0	171.0	0.3	<.2	0.2	<1		
			640.0						
7.4	7.0	3697.0	1667.0			<15	<15		
			730.0						
5.2	4.8	2346.0	323.0			<15	<15		
4.4	4.3	1665.0	177.0			<15	<15		
2.8		1113.0	24.0	<.2	<.2	2	2		
2.9	2.6	589.0	44.0			<15	<15		
			<50						

		1.94	771.483	21.866	<0.2		
1.5	1.6	631.0	60.0			<15	<15
		1.58	829.874	30.515	<0.2		
1.7	1.7	424.0	71.0			<15	<15
3.3		669.0	38.0	<.2	<.2	<1	<1
2.8	2.8	610.0	39.0			<15	<15
			<50				
		3.78	1263.24	26.277	<0.2		
5.1	5.2	1701.0	67.0			<15	<15
6.0		2800.0	72.0	<2	<2	1	1
			70.0				
5.5	5.2	1660.0	61.0			<15	<15
4.0	4.1	1394.0	50.0			<15	<15
			120.0				
		4.83	1771.36	38.979	<0.2		
	5.0	2170.0	68.0	0.2	0.2	1	1
4.5	4.7	1669.0	68.0			<15	<15
5.4	5.2	2458.0	351.0			<15	<15
6.0	5.9	2707.5	616.9			<15	<15
5.6	5.8	2513.4	545.9			21.11772	<15
5.0	4.8	2102.7	362.8			<15	<15
4.5	4.3	1452.0	61.7			<15	<15
6	5	155	83	<.2	<.2	0.001	<1
		3.155	1103.63	21.164	<0.2		
	1671	1669	492	64		0	0
		2.061	427.581	27.92	<0.2		
17	2	393	31	<.2	<.2	<1	<1
	2	0.393	0.031	<0.0002	<0.0002	<0.001	<0.001
	1853	1778	369	37		0	0
		3.208	918.483	20.734	<0.2		
	3.405	3.318	911	51		0	0
	4.895	3.405	911	51		<15	<15
	4.895	4.772	1619	55		<15	<15
10	5	1700	53	<.2	<.2	1	<1
	5	1.7	0.053	<0.0002	<0.0002	0.001	<0.001
	4.448	4.213	1227	67		<15	<15
				86	<.5		
	5	1540	45	<.2	<.2	1	<1
	4.806	4.617	1393	109		<15	<15
	6.024	2615.33	370.116		<0.2		
	6.542	6.258	3437	551		0	0
	6.542	6.258	3437	551		<15	<15
	6.384	6.16	2647	780		0	0

	6.384	6.16	2647	780		<15	<15		
		3.866	1326.78	31.707		<0.2			
	3.18	2.934	905	47		<15	<15		
		3	954	24	<.2	<.2	<.2	<1	
		1.63	643.186	25.549		<0.2			
			<50			<.5			
	1.495	1.408	463	60			0	0	
	1.495	1.408	463	60		<15	<15		
			<50			<.5			
	3.078	2.975	965	35		<15	<15		
	3.078	2.975	965	35		<15	<15		
		3	781	22	0.3	<.2	<1	<1	
	3.182	3.196	939	33		<15	<15		
			<50			<.5			
	4.849	5.016	437	27		<15	<15		
		5	1780	27	<.2	<.2	<1	<1	
		3.855	1388.01	18.58		0.32			
	2.275	2.683	678	54		<15	<15		
		4.405	1586.16	27.9		0.1			
	4.523	4.368	1108	36		<15	<15		
		4	1750	59	<.2	<.2	<1	<1	
	6.281	5.873	2274	471		<15	<15		
			<50			<.5			
	7.052	6.799	2693	1081		<15	<15		
<1		5.37	2101	207		<15	<15		
		4.491	1723	98.98		<0.1			
20		3	815	22	<.2	<.2	1	<1	
	2.848	2.71	695	27			85	0	
						<.5			
		1.989	890.5	17.99		<0.1			
15		3	772	24	<.2	<.2	<1	<1	
	2.656	2.554	587	27			0	33	
			<50			<.5			
		3.257	837.7	16.96		<0.1			
	2.33	2.36	1079	46			24	0	
12		4.5	1800	100	<10	<10	1	<1	
						<.5			
	4.371	4.096	1486	89			0	0	
		5.042	1894	55.04		<0.1			
11		5	1900	366	<.2	<.2	1	<1	
	5.15	4.848	1479	68			49	0	
	6.007	5.363	2305	352			285	198	
-9	-9	-9	-9	-9	-9	-9	-9	-9	
-9	-9	-9	-9	-9	-9	-9	-9	-9	
14		3.0	1260.0	30.0	<.2	<.2	<1	<1	

	3.394	3.295	655	41		0	44	
			<50		<1			
		3.12	995.4	14.24	<0.1			
	1.937	1.487	1786	59		0	0	
		1.446	1872	48.37	<0.1			
13	2.0	436.0	20.0	<.2	<.2	<1	<1	
	2.334	2.068	748	20		0	0	
	3.56	3.179	1095	46		0	0	
					< 1			
		3.68	1244	28.9	<0.1			
11	5.0	1540.0	88.0	<.2	<.2	<1	<.2	
	4.202	4.194	1444	29		0	0	
	5.404	5.492	2295	159		0	0	
					< 1			
	6.492	6.385	2907	653		0	0	
		6.313	2978	628.1	<0.008			
	5.881	5.757	2893	773		0	0	
		2.878	1031	34.64	M0.0209			
		2	1840	32	0.4<.2		5<1	
	2.219	1.627	2045	43		0	0	
		1.36	3060	<100	0.5	<0.5	5	<4.0
	2.6	2.6			< 0.3			
	2.088	2.004	488	38		0	0	
		2.28	679	<100	<0.5	<0.5	<4.0	<4.0
		2	556	26<.2	<.2	<1	<1	
	2332	2334	561	15		0	0	
		3.02	812	<100	<0.5	<0.5	<4.0	<4.0
		3.299	1096	18.37	<0.008			
					< 0.3			
	4.875	4.804	1848	61		0	0	
		5.34	2080	131	<0.5	<0.5	<4.0	<4.0
		5.089	2109	81.11	M0.0092			
		5	1500	115<.2	<.2		1<1	
	5.548	5.216	1661	95		0	0	
		5.06	2080	171	<0.5	<0.5	<4.0	<4.0
	5.358	5.056	2310	265		0	0	
					< 0.3			
		6	2490	547<.2	<.2		1<1	

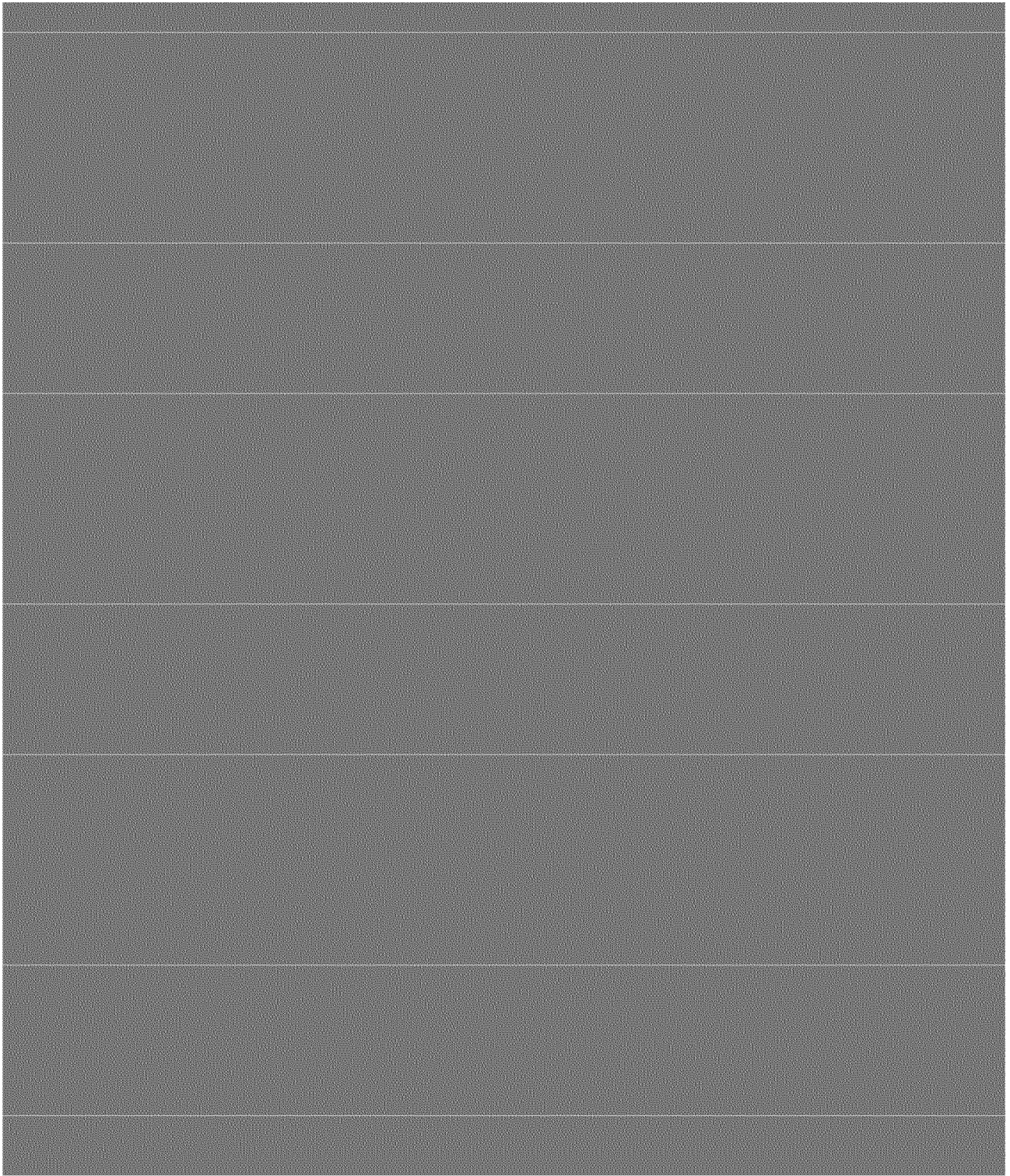
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		7.08	2750	959	<0.5	<0.5	<4.0	<4.0
	7.218	6.405	3350	1002			0	0
		8.5	4440	3290	<0.5	<0.5	<4.0	<4.0
		7.800 J	3940 J	2740	<0.5	<0.5	<4.0	<4.0
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		4.56	1950	190	<0.5	<0.5	<4.0	<4.0
		4.45	1980	212	<0.5	<0.5	<4.0	<4.0
		3.728	1281	24.97		<0.01		
		1.53	585	<100	<0.5	<0.5	<4.0	<4.0
		1.626	1427	62.34		M0.0266		
12		3.0	900.0	24.0	<.2	<.2	<1	<1
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					< 0.3			
	4415	3708	1183	41			0	0
		3.697	1060	19.51		<0.01		
		6.06	2180	<25.0 U	<0.1 U	<0.1 U	<1.0 U	<1.0 U
		5.61	2120	<25.0 U	<0.1 U	<0.1 U	<1.0 U	<1.0 U
	5.201	5.086	2413	148			0	0
		5.62	2540	193	<0.1 U	<0.1 U	<1.0 U	<1.0 U
		5.64	2480	191	<0.1 U	<0.1 U	<1.0 U	<1.0 U
8		5.0	132.0	2120.0	<.2	<.2	<1	<1
	5.143	4.981	1868	58			0	0
	5.939	5.786	2937	551			0	0
		6500	3310	1570	<0.5	<0.5	<4.0	<4.0
		5.32	2610	233		< .01		
	5	4	2113	193			<15	<15
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	4	4	1613	61			<15	<15
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		5260	2070	117	<0.5	<0.5	<4.0	<4.0
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		4700	1800	103	<0.5	<0.5	<4.0	<4.0
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	6.697	6.714	3347	1404			0	0
	7.08	6.513	3144	1415			0	0
	3.54	3.46	1074	29			0	0
	2.527	2.462	760	19			0	0
	2.079	1.992	552	47			0	0
	2350	2340	701	32.4				
	2380	2280	715	34.8				
	2.124	2.113	532	60			0	0
	4.223	4.072	1455	31			0	0
	4.546	4.457	1984	136			0	0
	6200	6350	2620	342				
	5.874	6.049	2428	284			0	0
	6330	6460	2710	418				
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	8.568	8.628	5993	2825			0	0
	6.735	6.428	3790	2675			0	0
	6.912	6.81	4808	3268			0	0
	7.572	7.074	4906	4197			0	0
	5.85	5.661	3665	624			0	0
		3820		482				
		4690		544				
		4720		553				
		4820		583				
		4860		582				
		4510		585				
		3970		552				
		3830		459				
		3870		407				

	4000		396	
	3800		347	
	3230		268	
	2740		173	
	2240		102	
	2060		34.8	
	2120		66.4	
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	2160		32.3	
	1930		53.6	
	2120		50.6	
	2100		43.4	
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	2340		44.2	
	2560		43.7	
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	2820		40.7	
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	3080		48.7	
	2500		49.5	
2260	2290	938	58.9	
	1880		49.4	
	1920		72.5	
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	1180		55.8	
	1320		54.7	
	1450		45.9	
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	1520		48.6	
	1430		62.8	
	1190		58	
	1240		61.7	
	1200		60	
	1150		50.9	
	1320		48.8	
	1450		44.2	
	1640		42.8	
	1930		44.6	
	1590		38.5	
	1690		44.6	
	1790		43.3	
	1390		37.6	
2.066	1.988	484	33	0 0
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	1480		31.9	

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	1760		42.8		
	1570		34.6		
	1640		31		
	1740		33.7		
	1760		36.7		
	1920		33.6		
	2040		32.6		
	2150		33.5		
	2290		34.2		
	2520		38.9		
	2570		38.8		
	2720		46		
	2550				
	2460				
	2630				
	2680				
	2830				
	2940				
	2900				
	3000				
	3400				
	3010				
	3170				
	3130				
	3380				
	3470				
	3590				
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	3810		67.8		
	3580				
	3710				
	3570		42.4		
	3670		41.9		
	3590		38.2		
	3280		37.6		
	3630		40.9		
	3490		36.7		
	3300		37.4		
	3220				
	3310		117		
3.796	3.768	1466	55	0	0
5.051	4.688	1968	67	0	0
3.611	3.558	1187	40	0	0
4.7	4.55	2380	41	0	0
5.57		3105			0

6.149	6.189	3431	627
6.992	6.969	4659	882
6.812	6.714	4799	1056
4.93	4.532	1996	202
3.666	3.599	1740	50
3000	2820	2340	37.4
2970	2850	1030	36.2
1870	1640	1400	41.8
1830	1630	768	42.7
1.603	1.465	968	92
1580	1310	951	56.8
1520	1490	518	67.2
1790	1770	387	27.4
2.508	1.963	618	63
1940	1960	442	29.9
2200	2250	529	25.7
2700	2700	756	26.6
2810	2700	788	28.3
2660	2630	722	13.2
3.474	3.216	1349	80
6.095	6.029	2220	65
3820	3920	1110	38.9
4.428	4.489	1433	55
5.607	5.559	2100	53



B_TOT	B_DIS	BR_DIS	SB_TOT	SB_DIS	BA_TOT	BA_DIS	BE_TOT	BE_DIS	CO_TOT
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[illegible]

[illegible]

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			0	0	22.3	20.2	0	0	0
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-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
					21.6	20.5	<1	<1	
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
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					23.7	21.8	<1	<1	
					23.1	24.5	<1	<1	
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
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					20.3	22.2	<1	<1	
					19.2	22.8	<1	<1	
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-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
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					21.3	22.5	<1	<1	
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-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
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					21.4	16.4	<1	<1	
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					29.4	14.1	<1	<1	
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					19.1	17.1	<1	<1	
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					12.4	15.3	<1	<1	
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-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
					19.0	20.1	<1	<1	
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					20.6	23.2	<1	<1	
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					2.5	20.3	<1	<1	
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					23.6	21.4	<1	<1	
					16.9	20.7	<1	1.2	
					22.5	21.0	<1	1.5	
					22.7	21.1	<1	<1	

23.8	14.8	<1	<1
21.2	15.5	<1	<1

17.5	16.7	<1	<1
15.3	15.5	<1	<1

18.6	17.6	<1	<1
20.6	18.7	<1	<1

BDL	BDL	22	21	BDL	BDL	BDL
	BDL		21		BDL	

28.0	23.5	<1	<1
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0.0	21.1	0.0	3.2
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0.0	19.4	0.0	<1
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BDL	BDL	33	16.6	BDL	BDL	BDL
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21.874

<1

<1 <1 18.86 20.75 <1 <1 3.65

<1 <1 20.86 20.28 <1 <1 1.53

<1 27 <1 3

<1 <1 27 25 <1 <1 6

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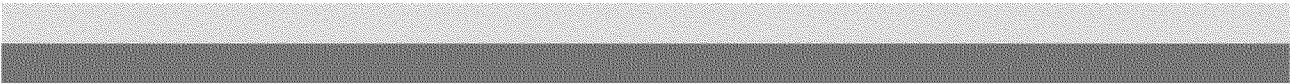
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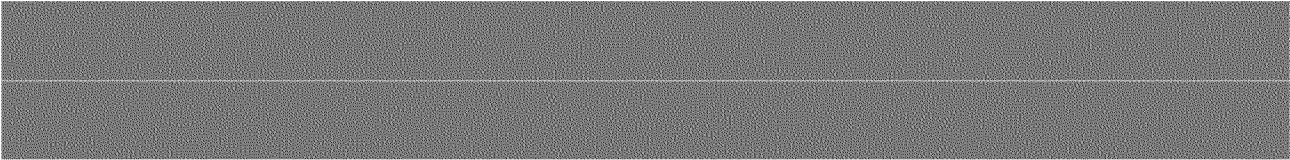
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<1	<1	24	23<1	<1	5
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	<1	<1	20	20<1	<1	3
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	<1	<1	21	21<1	<1	2
	<1	<1	27	25<1	<1	6



	<1	<1	24	23<1	<1	5
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	<1	<1	23	21<1	<1	2
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	<1	<1	22	20<1	<1	2
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	<50	<50	<100	<100	<10	<10	<10
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	<1	<1	24	24<1	<1	7
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[REDACTED]

[REDACTED]

<2 <1 18 19 <1 <1 1

[REDACTED]

<1 <1 25 25 <1 <1 5

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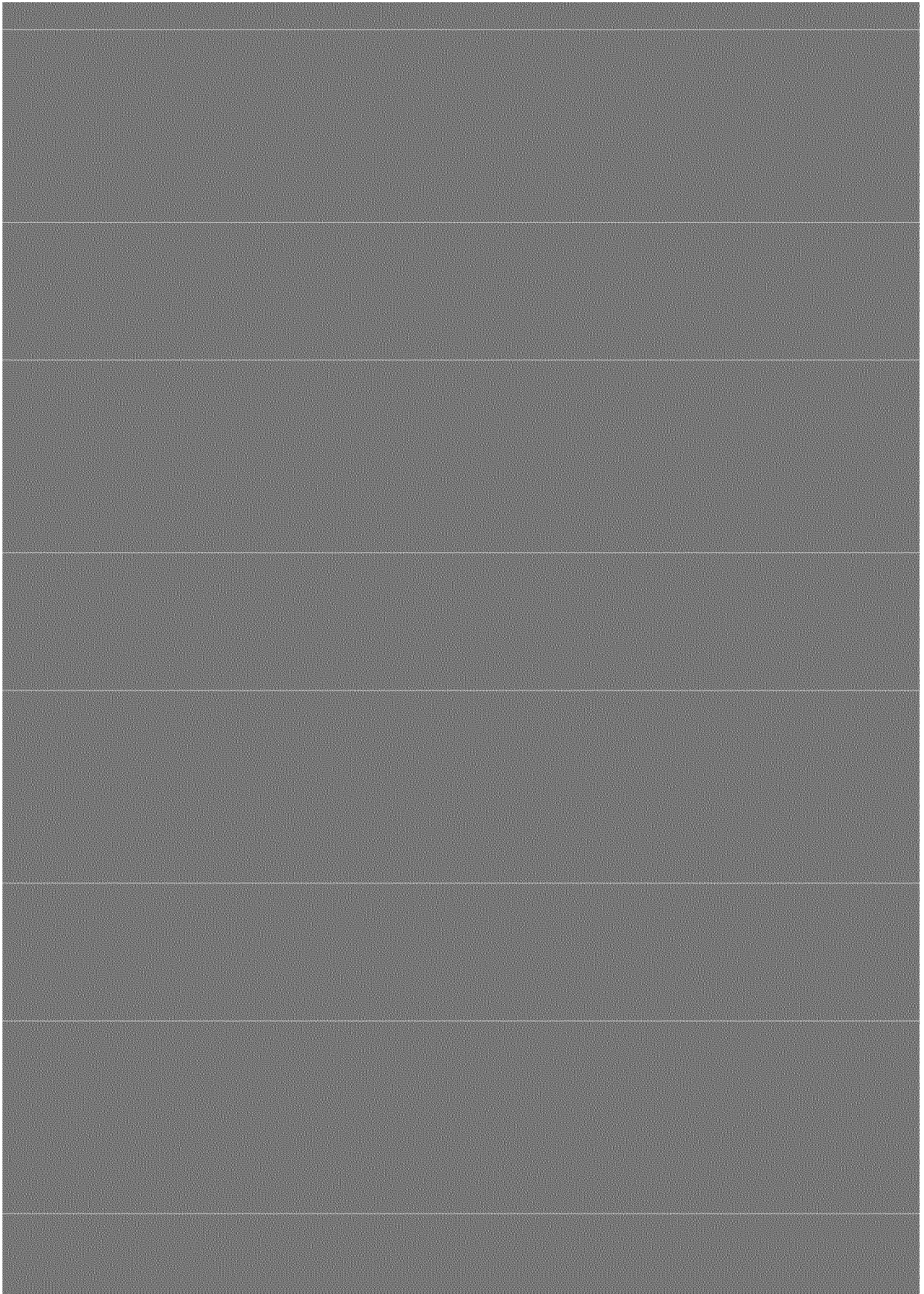
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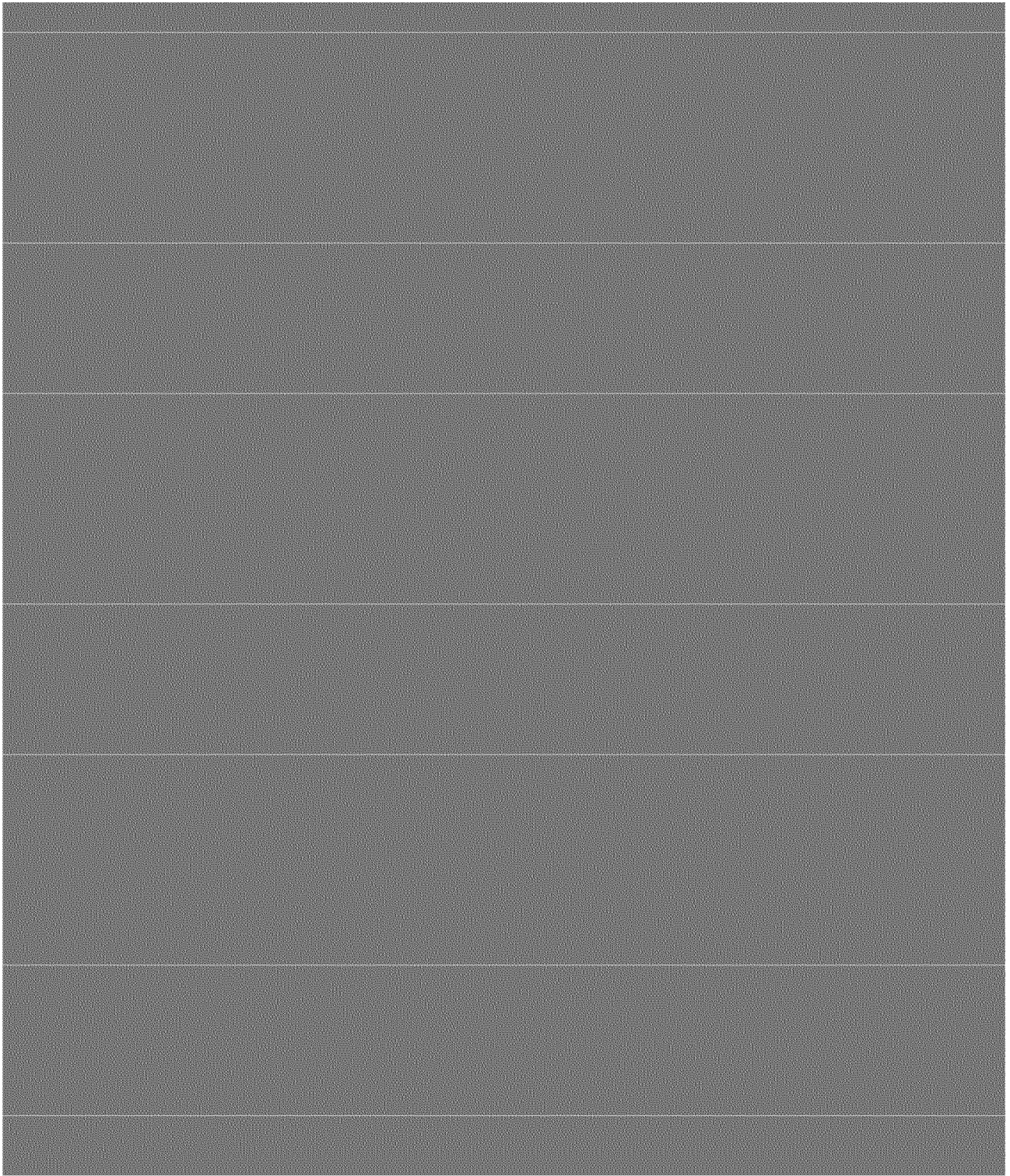


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3.36

25.5 26.5

2.87



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		2.00	30.00	11.00				2600.00	1800.00

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	3.00	60.00	20.00					4000.00	1400.00
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		1.00	30.00	7.00				6600.00	910.00
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0	1.50	1.20	18.20	4.20	0.00	0.00		2235.80	1156.10
-9.0	-9.00	2.00	-9.00	5.00	-9.00	-9.00	-9.00	-9.00	1120.00
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			2	20	12			2900	1600
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	<2	<2	31.23	22.31	<15	<15		3661.93	1885.60
-9.0	-9.00	2.00	-9.00	19.00	-9.00	-9.00	-9.00	-9.00	1590.00
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	<2	<2	28.49	29.13	<15	<15		4860.64	2659.64
-9.000	-9.00	1.00	-9.00	20.00	-9.00	-9.00	-9.00	-9.00	3400.00
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	<2	5.14	39.35	20.62	<15	<15		3812.86	1948.12
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	<2	<2	42.08	9.36	<15	<15		2064.14	813.85
			2.36	62	10.3			2015	870.2
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	<2	<2	8.95	4.21	16.42	<15		510.34	52.24
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	0.00	<2	0.00	5.17	0.00	<15		0.00	61.54
-9.0	-9.00	<1	-9.00	<2	-9.00	-9.00	-9.00	-9.00	230.00
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	2.27	<2	12.03	<4	20.01	<15		562.27	132.28
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	12.52	<2	41.24	4.78	<15	<15		1490.01	769.16
		1.45		30	5.1			1795	852.76
-9.000	-9.00	1.00	-9.00	10.00	-9.00	-9.00	-9.00	-9.00	1420.00
-9.000	-9.00	4.00	-9.00	20.00	-9.00	-9.00	-9.00	-9.00	1170.00
	9.80	2.73	31.05	7.21	<15	<15		2180.95	1622.73
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		2.00		20.00					2720.00
		4.00		20.00					2560.00
	2.56	2.28	31.54	16.48	<15	<15		3104.99	1382.99
	4.50	<2	37.22	5.64	17.70	<15		2077.80	584.22
		1.88	<10		7.8			2395	546.5
		<1		<10					950.00

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	2.60	<2	28.97	<4	<15	<15	2966.41	177.55
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		<1		26	5.9		1965	140.13
		<1		<10				290.00
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		<1		<10				300.00
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			1	<10	2.4		961	185.75
		<1		<10				590.00
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BDL	0.90	0.80	18.00	<5	BDL	BDL	1346.00	293.00
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		<1		<10				730.00
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			1.41	24	5.7		3760	2245.1
		<4		20.00				2110.00
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		4.00		30.00				1290.00
		1.00		<10				3550.00
		<3		<10				3040.00
	0.00	<2	0.00	16.25	0.00	<15	0.00	2290.03
		2.00		<5				2310.00
		<3		20.00				2310.00
		15.00		14.00				2880.00
		<3		10.00				3060.00
			1.939	20.905	9.2		4085.6	2236
	0.00	<2	0.00	12.41	0.00	<15	0.00	1644.40
		2.00		15.00				2490.00
		5.00		<10				2700.00
			1.304	25.423	7.594		1349.2	153.57
		<1		11.00				280.00
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BDL	0.70	<.6	31.30	8.50	BDL	BDL	2850.00	107.00
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	5.00		<10			170.00
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	<1		10.00			220.00
	2.00		3.00			930.00
	4.00		3.00			2040.00
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	1.5		10.4			651
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	<1.4		4.4			55.4
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		2.00		20.00					3770.00
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		2.00		8.00					4600.00
	1.68	1.48	21.90	16.90				6145.00	3152.00
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		2.34626	44.7137	13.4929				2837.1	1062.64
		2.00		10.00					1230.00
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	2.50	2.29	28.00	9.60				1777.00	292.00
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		0.932	22.445	4.426			2257	54.6
	1.17	0.99	14.00	6.20			662.00	301.00
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	1.20	1.27	14.20	3.30			1318.00	392.00
		<1		5.00				320.00
		1.528	17.23	3.675			1426	1490
	2.26	2.42	27.60	7.50			2302.00	976.00
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		2.00		6.00				1170.00
	2.93	2.51	29.10	8.50			2259.00	1038.00
	2.52	1.71	21.90	8.80			2149.00	814.00
		2.00		13.00				1840.00
		2.309	31.503	9.777			2485	1109
13	1.90	1.50	32.00	10.00	1.00	1.00	2910.00	1460.00
	2.15	2.01	27.60	7.20			2649.00	394.00
	2.49	2.49	33.10	15.50			5064.00	2026.00
	2.56	2.28	23.57	15.27			4072.73	1349.22
	2.68	2.33	32.31	22.68			3592.53	1427.43
	2.69	2.72	36.78	20.49			3439.28	1264.41
	2.73	2.63	32.26	9.57			1973.61	327.10
11	2.4	2	33	12	<1	0.003	2300	1180
		2.299	42.425	9.829			2156	648.5
	1.02	0.91	19.6	8.8			745	263
		0.87	11.953	3.4			668.8	107.8
3	0.8	0.8	10	3	<1	0.001	550	220
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	0.86	0.82	12	3.1			546	20
		1.201	19.74	3.582			1287	262.4
	1.26	1.16	26	6.4			1239	465
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	1.71	1.78	33.7	8.5			2456	512
9	1.8	1.7	36	10	<1	<1	2420	970
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		2.706	44.903	23.323			5469	2394
	2.4	2.4	53.5	32.2			5653	1615
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	2.94	2.96	39.3	25			4033	1362

		2.94	2.96	39.3	25			4033	1362
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		1.41	1.24	27	10.8			1503	272
	3	1.4	1.5	28	7<1	<1		1890	850
			0.909	20.517	5.418			1543	134.4
			0.7		5			850	250
		0.88	0.94	12.5	4.3			858	266
		0.88	0.94	12.5	4.3			858	266
			0.8	<5				720	280
		1.31	1.29	23.5	5.4			1421	37
		1.31	1.29	23.5	5.4			1421	37
	5	1.3	1.4	21	6<1	<1		1230	380
		1.24	1.18	26.9	7.7			1828	553
			1.1		5			1900	210
		2.16	1.7	21.5	9.9			1042	202
	8	1.9	1.9	44	10<1	<1		2980	950
			1.93	41.571	10.15			2465	804.4
		1.26	1.14	27.8	9.8			1257	602
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	8	2.1	2.1	49	16<1	<1		2830	1240
		2.22	2.36	69.1	46.9			3815	2000
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		2.59	2.66	74.3	57.5			4932	1920
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	4	1.5<.2		30	6<1	<1		1890	510
		1.18	1.26	27.5	5.7			1482	73
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	3	1.2	1.1	18	6<1	<1		1080	420
		1.39	0.96	16.8	4.9			890	36
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		0.89	1.08	30.3	7			1862	267
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	7	2.1	2.3	55	22<1	<1		3380	1980
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		2.44	2.53	68.9	39.9			4881	2570
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		1.726	28.34	5.713		1930	772.5
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		0.9201	40.2	4.728		6363	98.81
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		1.492	31.57	6.059		1754	499.8
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	1.57	1.55	36.2	8.4		2137	301
	2.13	2.08	51.7	25		3520	1412
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	3.9	3.94	67.3	42.9		5732	480
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	2.35	2.24	50	38.9		5216	2111
		1.585	29.25	6.102		2100	729.1
<1	1.2	0.6	32	5	2<1	4670	110
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		0.64	<5			840	510
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	2	1	0.8	13	4<1	<1	910 360
		0.65	0.6	10.7	2.5		831 16
	0.9	0.9	15.7	4.8	<2	<2.00	1060 463
		1.18	19.87	3.431		1478	273
		1.4		13		2500	1100
	1.44	1.46	40.9	14.5		2759	1077
	1.7	1.8	40.7	17.4	<2.0	<2.0	2990 1340
		1.903	32.06	21.53		2993	1019
6	1.8	1.8	31	10<1	<1	2670	1010
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	1.86	1.8	42.3	23.3		3691	1587
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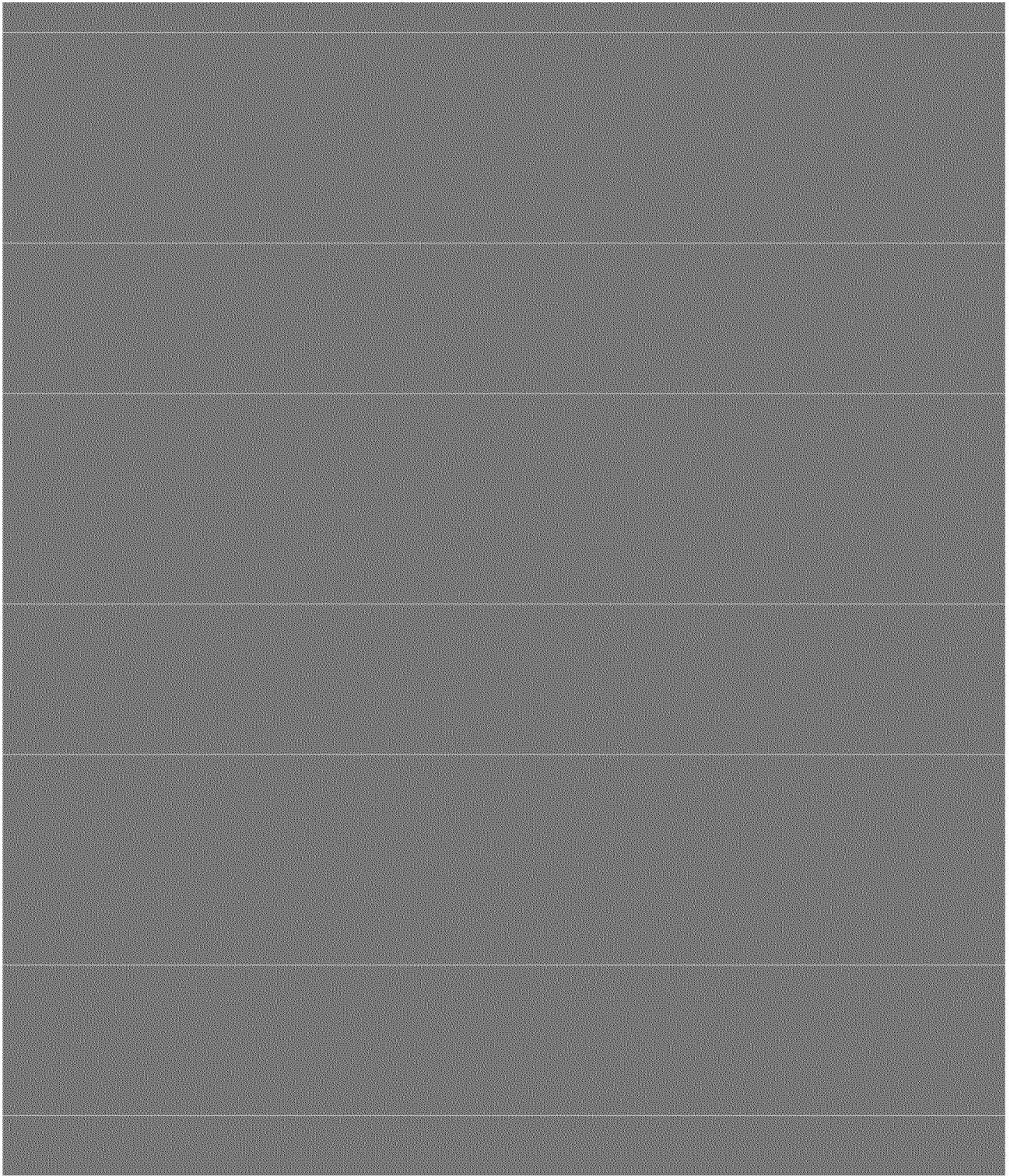
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	2.9	2.9	34.8	19.2	<2.0	<2.0	4190	1930
	2.7	2.8	34.9	18.7	<2.0	<2.0	4170	1940
		1.847	21.39	7.591			2345	1557
	0.9	0.7	13.4	<10.0	<5.0	<5.0	986	224
		0.7238	24.45	3.136			4209	124.5
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	1.07	0.99	15	5.5			965	129
	1.2	1.1	19.8	<10.0	<5.0	<5.0	1320	556
		1.2		7			1100	450
	1.35	1.4	23.7	8.2			1648	640
		1.472	20.76	3.218			1584	369.5
	1.7	1.8	31.8	12.9	<0.5 U	<0.5 U	3010	1610
	1.7	1.8	33.6	13	<0.5 U	<0.5 U	3230	1460
	1.63	1.6	34.8	14			3705	1495
	1.9	2	30.5	14.5	<0.5 U	<0.5 U	4330	2160
	2	2.1	31.4	14.2	<0.5 U	<0.5 U	3960	2150
7.0	1.90	1.80	30.0	12.00	<1	<1	3160.00	1700.00
	1.36	1.39	26.2	8.5			3129	1458
	2.13	1.96	32.1	20.7			4781	2035
	2.7	2.6	33.5	25.2	<5.0	<5.0	5080	1800
		2.89	34.2	13.5			7010	2570
	2.67	2.42	33.7	14.3			3871	2030
8	2.7	2.6	29	14	<1	<1	3600	2160

	1.72	1.49	31.6	8.2			4556	1009
		0.88	78.8	5			19600	98
	0.9	0.8	16.5	<10.0	<5.0	<5.0	1950	199
	0.74	0.82	19.6	6.2			1779	277
	0.8	0.7	<20.0	<20.0	<5.0	<5.0	787	280
	0.79	0.78	13.3	4.9			875	295
	1.4	1.3	22.2	<20.0	<5.0	<5.0	1750	703
		1.57	24.1	5.3			2460	780
	1.32	1.31	23.2	6.3			2258	80
6	1.7	1.7	29	10<1	<1		2110	920
	1.7	1.7	28.8	<20.0	<5.0	<5.0	2500	1050
	1.66	1.48	25.8	10.1			3264	1716
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	1.61	1.6	27	8.7			3523	587
7	1.8	1.8	25	11<1	<1		3750	1750
		2.36	30.9	13.2			5590	2860
	1.85	1.59	31.4	14.4			6572	2328
-1	1.50	1.20	18.20	4.20	-1.00	-1.00	2235.80	1156.00
	2.08	2.08	27.7	21.4			5485	1604
	2.2	2.11	25.6	19.8			5473	2558
	1.5	1.41	18.4	11.6			2301	1298
	1.1	1.03	17.2	5.8			1491	462
	0.81	0.77	12.9	6.5			1196	576
1.54	0.957	0.902	12.2	4.36			1280	780
1.42	0.756	0.873	11.7	3.87			1260	712
	0.7	0.64	10.3	5.8			1057	507
	1.43	1.38	16	6.6			2281	882
	1.71	1.66	18.7	10.2			3000	1433
6.77	2.12	1.83	18	9.52		2.34	4240	2210
	1.86	1.85	19.9	12.5			3983	2144
7.24	2.1	1.85	18.2	10.5		1.83	4390	2150
	2.03	2	21.2	18.5			5417	2476
	2.44	2.42	32.9	25.7			14396	4305
	2.21	2.25	20.4	19			4741	2364
	2.22	2.12	22.7	20.6			7643	2742
	2.68	2.77	26.3	24.8			9279	4066
	2.78	2.64	27.4	17.4			7160	3626
		2.16		17.8				
		2.07		13.5				
		2.12		11.8				
		2.12		13.4				
		2.34		16.2				
		1.9		16.2				
		2.02		17.6				
		1.68		15.2				
		2.02		14.3				

	1.88		14.8	
	1.84		13.9	
	2.05		10.6	
	1.8		7.65	
	1.53		4.34	
	1.18			
	1.52			
	1.17			
	1.17			
	1.12		4.11	
	1.09			
	0.985			
	1.45	24.9	10.2	2134 1163
	1.21			
	1.19			
	1.1			
	1.3			
	1.33			
	1.23			
	0.961			
	1.01	26	7.61	2680 628
	0.694			
	0.67			
	0.64			
	0.702			
	0.732			
	0.691			
	0.722			
	0.776			
	0.597			
	0.614			
	0.534			
	0.619			
	0.713			
	0.582			
	0.642			
	0.762			
	0.703			
	0.84			
	0.683			
	0.862			
	0.715			
	0.715			
	0.93	11.6	5.3	930 389
	0.646			
	0.515			
	0.686			

	0.714			
	0.654			
	0.597			
	0.703			
	0.668			
	0.74			
	0.864			
	0.8			
	0.979			
	0.91			
	0.822			
	0.927			
	0.926			
	1.01			
	0.853			
	0.946			
	0.986			
	0.922			
	0.981			
	1.11			
	1.04			
	1.07			
	1.09			
	1.06			
	1.02			
	1.08			
	1.23			
1.34	1.25	15.9	6.1	1962 682
	1.26			
	1.19			
	1.16			
	1.08			
	1.19			
	1.08			
	1.01			
	1.29			
	1.25			
	1.02			
	1.27	2.68		
	1.34			
1.51	1.46	15.6	5.9	1826 869
1.95	1.87	24.3	8.1	3920 1245
1.73	1.57	21	5.7	1883 824
1.78	1.7	21.2	4.9	3727 1865
2.06		20		3919

	2.04	1.97	19.4	11.1		5096	2049		
	2.28	2.14	22.8	13.8		6972	3536		
	2.31	2.24	22.6	14.5		7214	3276		
	2.79	2.65	23.5	10.7		3580	2153		
	2.2	2.13	25.4	7.9		3296	1964		
2.84	1.65	1.4	34	6.38		7200	913		
	1.74	1.83							
	1.53	1.24							
	1.1	1.11							
	0.93	0.7					14.4	4.9	1351
	1.02	0.776							
	0.746	0.865							
	0.826	0.88							
	1	0.74				9.1	3	708	319
	0.868	0.802							
	0.814	0.871							
	0.941	0.969							
	0.995	1.01							
	1.03	1							
	1.07	1				12.7	3.4	1219	362
	1.61	1.57				14.5	3.7	2241	668
2.98	1.11	1.19	10.3	3.02		1340	443		
1.41	1.29	16.9	3.2	1503		208			
1.72	1.71	17.4	4.7	2624		1113			



Ferrous	HG_TOT_NHG_DIS_MLI_TOT			LI_DIS	MN_TOT	MN_DIS	NI_TOT	NI_DIS	PB_TOT
	-9	-9	-9	-9	-9.00	-9.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	-9.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	-9.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	-9.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	-9.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	290.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	330.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	370.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	540.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	450.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	490.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	550.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	540.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	590.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	1200.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	480.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	250.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	390.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	330.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	210.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	400.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	520.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	610.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	880.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	840.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	820.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	780.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	630.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	680.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	320.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	370.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	330.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	410.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	610.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	550.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	630.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	690.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	-9.00	870.00	-9.00	-9.00	-9.00
	-9	-9	-9	-9	550.00	550.00	-1.00	-1.00	10.00
	-9	-9	-9	-9	560.00	540.00	-1.00	-1.00	28.00

-9	-9	-9	-9	430.00	420.00	-1.00	-1.00	25.00
-1	-9	-9	-9	290.00	290.00	-1.00	-1.00	5.00
-9	-9	-9	-9	360.00	340.00	-1.00	-1.00	11.00
-9	-9	-9	-9	-9.00	840.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	-9.00	340.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	-9.00	210.00	-9.00	-9.00	-9.00
-1	-9	-9	-9	-9.00	350.00	-9.00	-9.00	-1.00
-9	-9	-9	-9	-9.00	-9.00	-9.00	-9.00	12.00
-9	-9	-9	-9	-9.00	240.00	-9.00	-9.00	-9.00
-1	-9	-9	-9	-9.00	360.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	-9.00	280.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	-9.00	440.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	-9.00	550.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	-9.00	880.00	-9.00	-9.00	5.50
-1	-9	-9	-9	-9.00	940.00	-9.00	-9.00	6.30
-9	-9	-9	-9	-9.00	960.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	-9.00	160.00	-9.00	-9.00	-9.00
-1	-9	-9	-9	330.00	-9.00	-9.00	-9.00	<5
-9	-9	-9	-9	-9.00	-9.00	-9.00	-9.00	<5
-9	-9	-9	-9	-9.00	440.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	-9.00	710.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	-9.00	770.00	-9.00	-9.00	-9.00
-9	-1	-9	-9	800.00	800.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	-9.00	870.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	-9.00	1100.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	-9.00	1200.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	-9.00	450.00	-9.00	-9.00	-9.00
-9	-1	-9	-9	520.00	430.00	-9.00	-9.00	-9.00
-9	-1	-9	-9	500.00	250.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	-9.00	280.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	-9.00	430.00	-9.00	-9.00	-9.00
-9	-1	-9	-9	630.00	490.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	-9.00	670.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	-9.00	-9.00	-9.00	-9.00	-9.00
-1	-9	-9	-9	-9.00	1100.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	-9.00	1100.00	-9.00	-9.00	-9.00
-1	-9	-9	-9	-9.00	1100.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	-9.00	1200.00	-9.00	-9.00	-9.00
-9.000	-9.000	-9.00	-9.00	930.00	910.00	-9.00	-9.00	22.00
-9.000	-9.000	-9.00	-9.00	-9.00	910.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	-9.00	-9.00	-9.00	-9.00	-9.00
-1	-9	-9	-9	-9.00	1100.00	-9.00	-9.00	-9.00
-1	-1	-9	-9	134.00	110.00	14.00	9.00	53.00
-9	-9	-9	-9	-9.00	300.00	-9.00	-9.00	-9.00
-1	-1	-9	-9	626.00	616.00	-1.00	-1.00	10.00
-1	-1	-9	-9	1080.00	955.00	-1.00	-1.00	6.80
	-1			1000.00	1000.00			

-9	-9	-9	-9	1100.00	1100.00	-9.00	-9.00	7.00
-1	-1	-9	-9	1300.00	1300.00	-1.00	-1.00	22.00
	-1			1300.00	1200.00			
-9	0.1	-9	-9	1300.00	1200.00	-9.00	-9.00	-9.00
-9	-9	-9	-9	1100.00	1100.00	-9.00	-9.00	17.00
	-1			450.00	250.00			
-9.000	-9.000	-9.00	-9.00	-9.00	420.00	-9.00	-9.00	-9.00
-9.000	-9.000	-9.00	-9.00	-9.00	550.00	-9.00	-9.00	-9.00
-9.000	-9.000	-9.00	-9.00	-9.00	470.00	-9.00	-9.00	-9.00
-9.0	-9.0	-9.0	-9.0	-9.00	570.00	-9.00	-9.00	-9.00
-9.0	-9.0	-9.0	-9.0	-9.00	700.00	-9.00	-9.00	-9.00
	-1			-9.00	660.00			
-9.000	-9.000	-9.00	-9.00	-9.00	600.00	-9.00	-9.00	-9.00
-9.000	-9.000	-9.00	-9.00	-9.00	596.00	-9.00	-9.00	-9.00
				618.60	599.70	0.00	0.00	4.30
-9.0	-9.0	-9.0	-9.0	-9.00	620.00	-9.00	-9.00	-9.00
-9.0	-9.0	-9.0	-9.0	-9.00	690.00	-9.00	-9.00	-9.00
-9.0	-9.0	-9.0	-9.0	-9.00	860.00	-9.00	-9.00	-9.00
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		<6	21.0	859.86	878.94	<20	<20	<30
	<0.1				810	840		
-9.0	-9.0	-9.0	-9.0	-9.00	1130.00	-9.00	-9.00	-9.00
-9.0	-9.0	-9.0	-9.0	-9.00	1250.00	-9.00	-9.00	-9.00
-9.000	-9.000	-9.00	-9.00	-9.00	1090.00	-9.00	-9.00	-9.00
-9.000	-9.000	-9.00	-9.00	-9.00	1030.00	-9.00	-9.00	-9.00
		<6	<6	1107.78	1001.38	<20	<20	<30
		7.1	<6	1150.70	1250.43	<20	<20	<30
-9.0	-9.0	-9.0	-9.0	-9.00	1160.00	-9.00	-9.00	-9.00
-9.0	-9.0	-9.0	-9.0	-9.00	1300.00	-9.00	-9.00	-9.00
		7.2	<6	1338.27	1450.57	<20	<20	<30
		7.1	<6	1301.46	1388.39	<20	<20	<30
-9.000	-9.000	-9.00	-9.00	-9.00	1480.00	-9.00	-9.00	-9.00
-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
-9.000	-9.000	-9.00	-9.00	-9.00	1160.00	-9.00	-9.00	-9.00
-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
		<6	<6	1305.86	1410.48	<20	<20	<30
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-9.0	-9.0	-9.0	-9.0	-9.00	1720.00	-9.00	-9.00	-9.00
-9.0	-9.0	-9.0	-9.0	-9.00	-9.00	-9.00	-9.00	-9.00
-9.0	-9.0	-9.0	-9.0	-9.00	1620.00	-9.00	-9.00	-9.00
		<6	<6	1109.72	1106.17	<20	<20	<30
	0.1				1100	1130		
-9.000	-9.000	-9.00	-9.00	-9.00	880.00	-9.00	-9.00	-9.00
-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
-9.000	-9.000	-9.00	-9.00	-9.00	800.00	-9.00	-9.00	-9.00
-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
		6.1	<6	872.95	508.85	<20	<20	<30

		<6	<6	387.58	310.27	<20	<20	<30
		<6	<6	499.97	457.11	<20	<20	<30
		<6	<6	398.10	202.31	<20	<20	30.40
-9.0	-9.0	-9.0	-9.0	-9.00	310.00	-9.00	-9.00	-9.00
-9.0	-9.0	-9.0	-9.0	-9.00	338.00	-9.00	-9.00	-9.00
		<6	<6	276.67	246.22	21.31	<20	<30
		<6	<6	275.55	257.95	22.54	<20	<30
	<0.1			325	248.64			
		<6	<6	183.51	235.32	<20	<20	<30
		<6	<6	180.29	224.95	<20	<20	<30
-9.000	-9.000	-9.00	-9.00	-9.00	310.00	-9.00	-9.00	-9.00
-9.000	-9.000	-9.00	-9.00	-9.00	280.00	-9.00	-9.00	-9.00
		<6	<6	226.33	268.66	<20	<20	<30
		0.0	<6	0.00	305.07	0.00	<20	0.00
-9.0	-9.0	-9.0	-9.0	-9.00	440.00	-9.00	-9.00	-9.00
-9.0	-9.0	-9.0	-9.0	-9.00	473.00	-9.00	-9.00	-9.00
		<6	<6	368.31	433.31	25.81	<20	<30
	<0.1			402	432.86			
-9.000	-9.000	-9.00	-9.00	-9.00	710.00	-9.00	-9.00	-9.00
-9.000	-9.000	-9.00	-9.00	-9.00	710.00	-9.00	-9.00	-9.00
		<6	<6	408.36	443.82	<20	<20	<30
-9.0	-9.0	-9.0	-9.0	-9.00	850.00	-9.00	-9.00	-9.00
-9.0	-9.0	-9.0	-9.0	-9.00	820.00	-9.00	-9.00	-9.00
		18.3	6.1	530.88	653.05	<20	<20	35.95
	<0.1			619	667.8			
-9.000	-9.000	-9.00	-9.00	-9.00	921.00	-9.00	-9.00	-9.00
-9.000	-9.000	-9.00	-9.00	-9.00	1020.00	-9.00	-9.00	-9.00
		16.7	10.3	817.58	1070.33	<20	<20	48.56
-9.0	-9.0	-9.0	-9.0	-9.00	1270.00	-9.00	-9.00	-9.00
-9.0	-9.0	-9.0	-9.0	-9.00	1140.00	-9.00	-9.00	-9.00
		<6	<6	1196.33	1300.89	<20	<20	<30
-9.000	-9.000	-9.00	-9.00	-9.00	1380.00	-9.00	-9.00	-9.00
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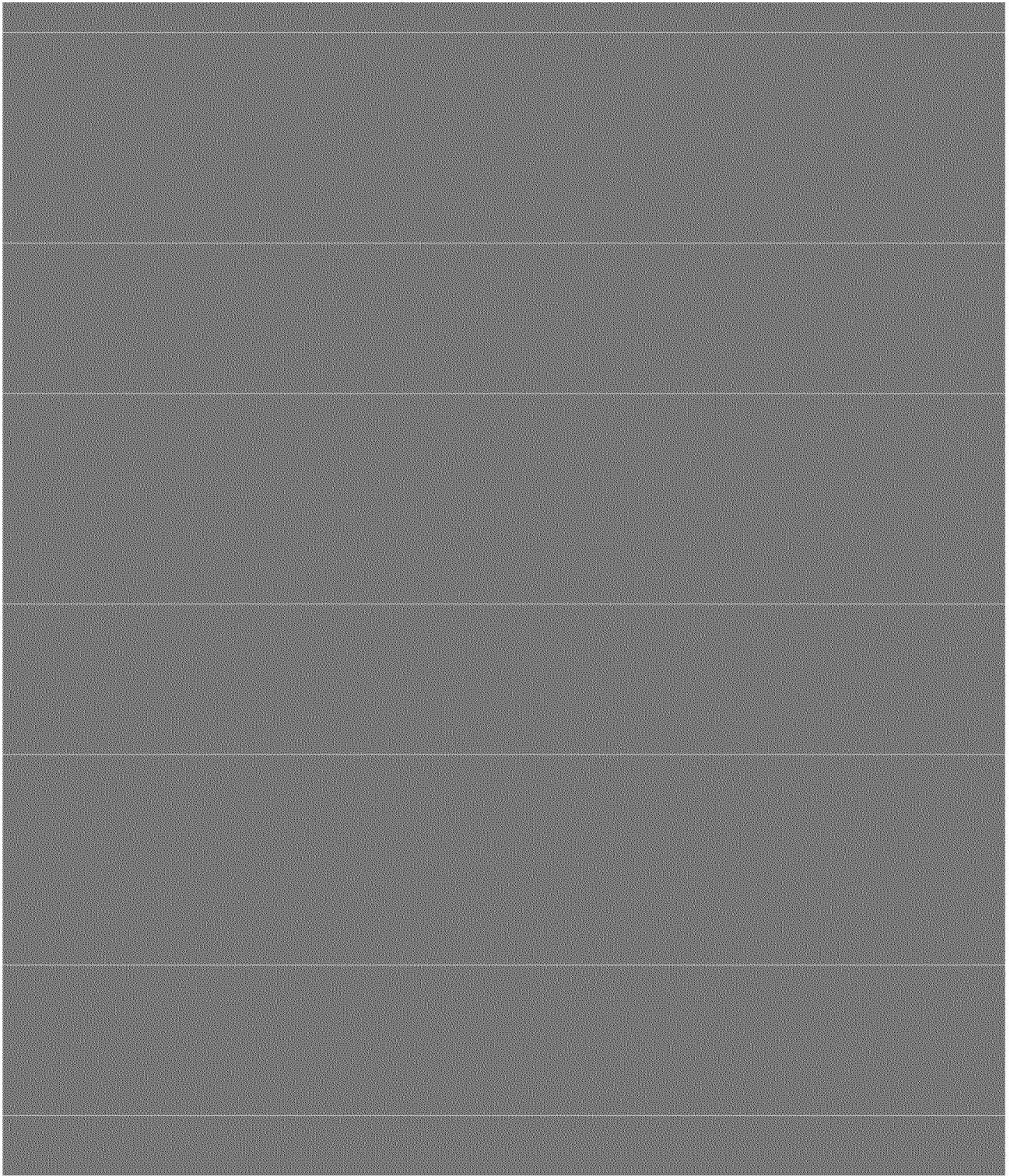
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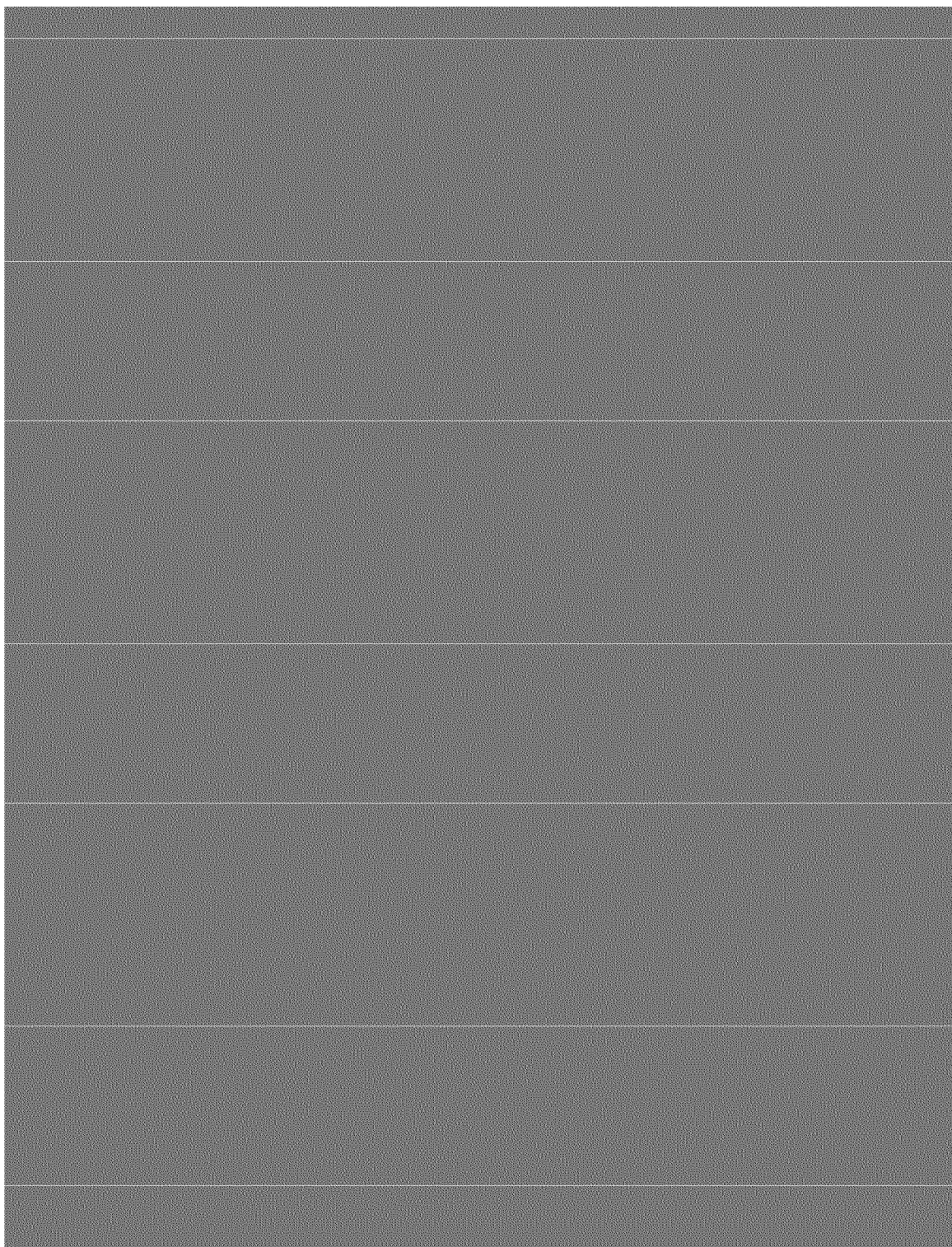
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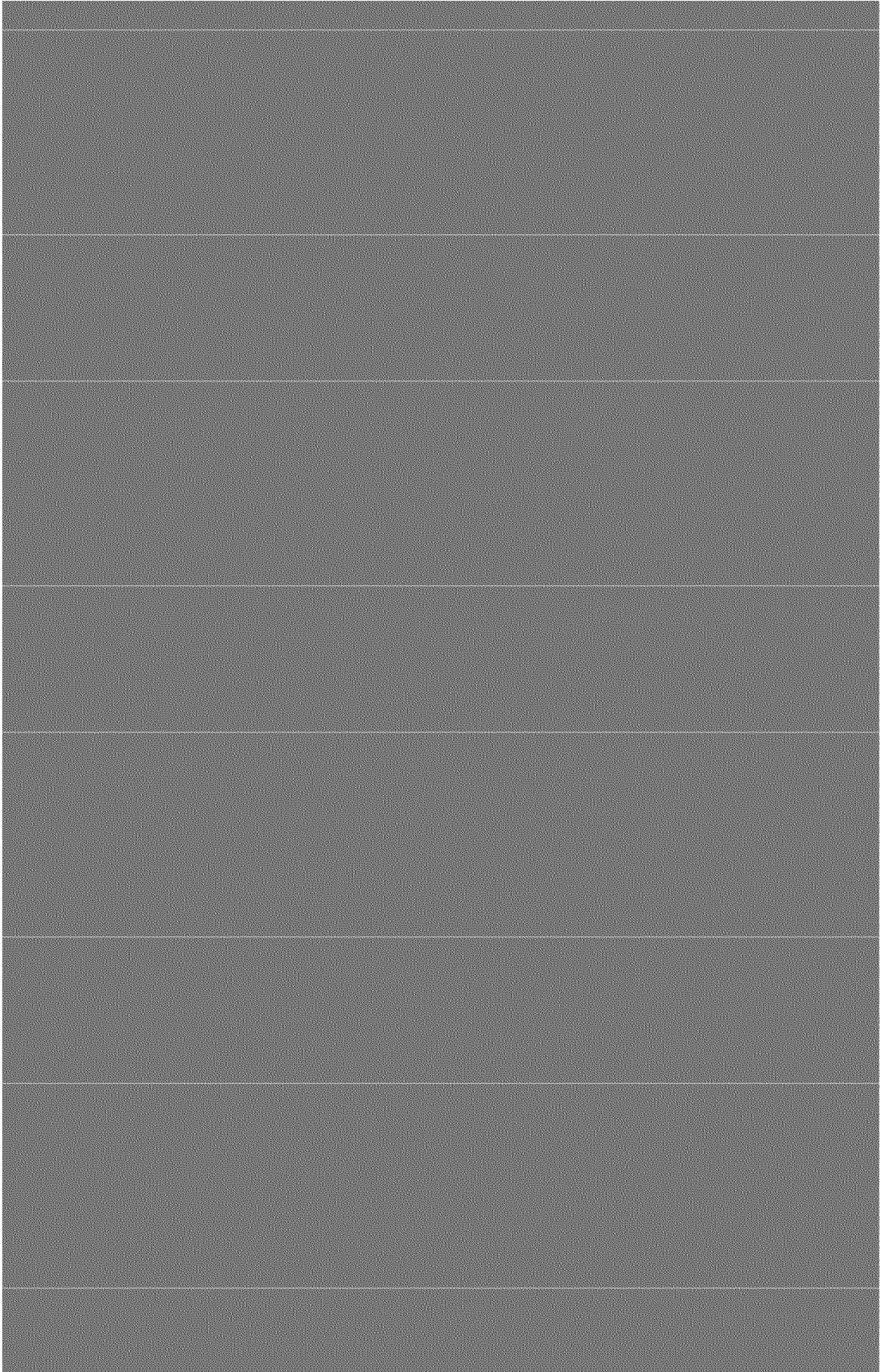
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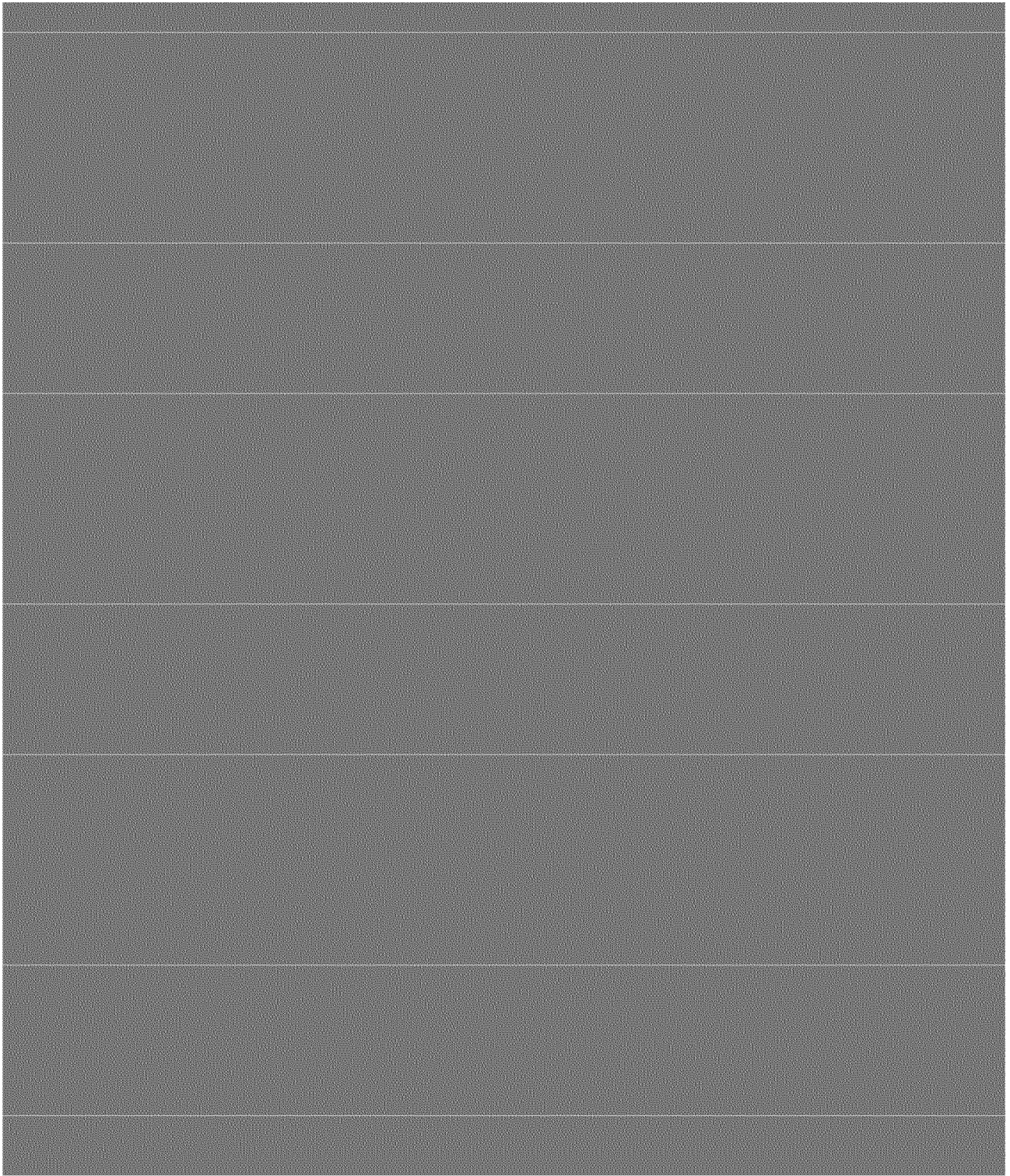
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-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
	2.53	2.01							
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
3.35	2.90								
		3	1	0.6					
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
3.56	3.28								
3.85	3.90								
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
4.06	4.10								
3.30	3.92								
-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
2.63	2.94								
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
2.60	2.10								
	2.311	0.92	0.515						
-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
1.61	1.07								

1.19	1.08								
1.55	1.32								
0.96	0.89								
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
0.97	0.97								
0.98	1.08								
		1.09	0.298	0.25					
0.65	1.06								
0.64	0.99								
-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
0.88	1.16								
	1.16								
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
1.16	1.47								
		1.488	0.386	0.35					
-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
1.24	1.64								
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
2.58	1.95								
		2.092	0.793	0.442					
-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
2.89	2.82								
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
2.92	3.34								
-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
4.49	3.69								
2.90	3.75								
2.86	3.13								
1.78	2.24								
		1.72	0.608	0.451					

0.85	1.10		
0.99	1.24		
	0.992	<0.1	0.235

1.09	1.19
0.93	1.07

1.08	1.14		
1.52	1.47		
	1.575	0.486	0.372

2.08	0.52	0.42
2.08	0.52	0.42

3.45	2.83
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2.805	1.202	0.639
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3.694

2.911	1.178	0.676
3.168		

1.185	0.411	0.295
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0.92	BDL	0.2
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1.591			
1.684	0.53	0.381	

3.363	1.2	0.772	
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2.7569	1.46	0.534	
2.3			

0.8556	0.32	0.171	
0.9			

1.6

2.1

2.9	2.7837	0.75	0.699
	2.9		

2.6

3.8	3.3402	1.39	0.745
	3.51		

3.89 3.8

1.8641 1.23 0.474

1.1231 0.55 0.27

1.89232 0.5 0.523
2.14 2.24

3.49267 0.92180 0.67

2.4121 1.24 0.429

1.38052 0.78 0.233

3.25494 0.69 0.609

3.40095 1.36 0.629

2.15008 1.22 0.413

2.73 <1 0.54 10.98 <1 <1

0.9737 0.36 0.206

<1 1.3 0.37 18.3 <1 <1

	2.0563	0.51	0.401						

<1 0.4 16.5 <1 <1

3.63 1.27 0.596

3.7 <1 0.6 <1

1.8 1.7 0.4 <1

	1.42	0.77	0.266	
	1.1	0.38	0.224	
2.5	<1	0.4		<1

	2.42	0.724	0.484	
4	<1	0.6		<1

	3.23	1.575	0.512	
4	1	0.6	11	1

	3	4	0.6	8	<1	<1
	2.331	1.561	0.439			
	1.22	0.273	0.244			
1	<1	0.3	21	<1	<1	
	1<1		0.3	21<1	<1	

	1.937	0.56	0.413	
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	3<1	0.6	12<1	<1
	3<1	0.6	12<1	<1

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	3<1	0.4	9<1	<1
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	3.816	1.125	0.739	
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	2.921	2.111	0.521		
	2<1		0.4	14<1	<1
	1.126	0.372	0.262		
	2<1		0.4	17<1	<1
	2<1		0.5	15<1	<1
	2.444	1.085	0.464		
	2.803	1.221	0.544		
	3<1		0.5	16<1	<1
	3.254	2.466	0.583		
	2<1		0.4	24<1	<1
1639	1656				
	1.438	0.675	0.247		
	2<1		0.4	18<1	<1
1392	1329				
	1.873	0.479	0.46		
1458	1471				
	3.3	2			
2836	2892				
	2.867	1.005	0.562		
	3<1			14<1	<1
3253	2943				
3362	3396				
-9	-9	-9	-9	-9	-9
-9	-9	-9	-9	-9	-9
2	<1	0.4	17	<1	<1

2029	2038					
1403	2.162	1.122	0.394			
	1177					
	0.982	0.374	0.22			
1	<1	0.3	16	<1	<1	
1188	967					
1843	1578					
	2.288	0.551	0.489			
2	<1	0.5	13	<1	<1	
2119	2148					
2756	2828					
3341	3304					
	3.776	1.001	0.704			
3503	3485					
	1.97	1.07	0.407			
	1<1		0.2	19<1	<1	
1378	900					
	1.01	<0.5	<0.20			
1.3	1.5					
2731	1006					
	1.63	0.6	0.25			
	<1	<1	0.4	17<1	<1	
1331	1322					
	1.86	0.7	0.32			
	2.58	0.575	0.455			
2459	2541					
	2.99	1.1	0.51			
	3.303	1.359	0.593			
	3	3	0.5<5	<5	<5	
3701	3645					
	3.19	1	0.44			
3087	2678					
	3<1	0.7<5	<5	<5		

3<1		<5	<5	<5
2973	3009			
	3.675	1.203	0.703	
	4.33	0.6	0.5	
3006	3098			
	5.11	1.2	1.08	
	4.94	1.3	1.03	
	5.02	<0.5	<0.20	
	4.16	2.5	0.5	
	4.11	2.5	0.48	
	2.53	1.558	0.509	
	1.31	<0.5	<0.20	
	1.04	0.255	0.211	
	2<1		15<5	<5
1446	1502			
	2.18	0.6	0.42	
1665	1458			
	2.147	0.674	0.487	
	3.55	0.8	0.49	
	3.07	0.8	0.54	
2855	2779			
	3.7	1.1	0.52	
	3.56	1.1	0.63	
	3	1	9<1	<1
2949	2903			
4052	3816			
	4.88	1.9	0.8	
2.5	2.3			
	3	3	0.6<5	<5

0.543 0.532

1520 1570 1.3 0.3

0.722 0.728

1.243 0.921

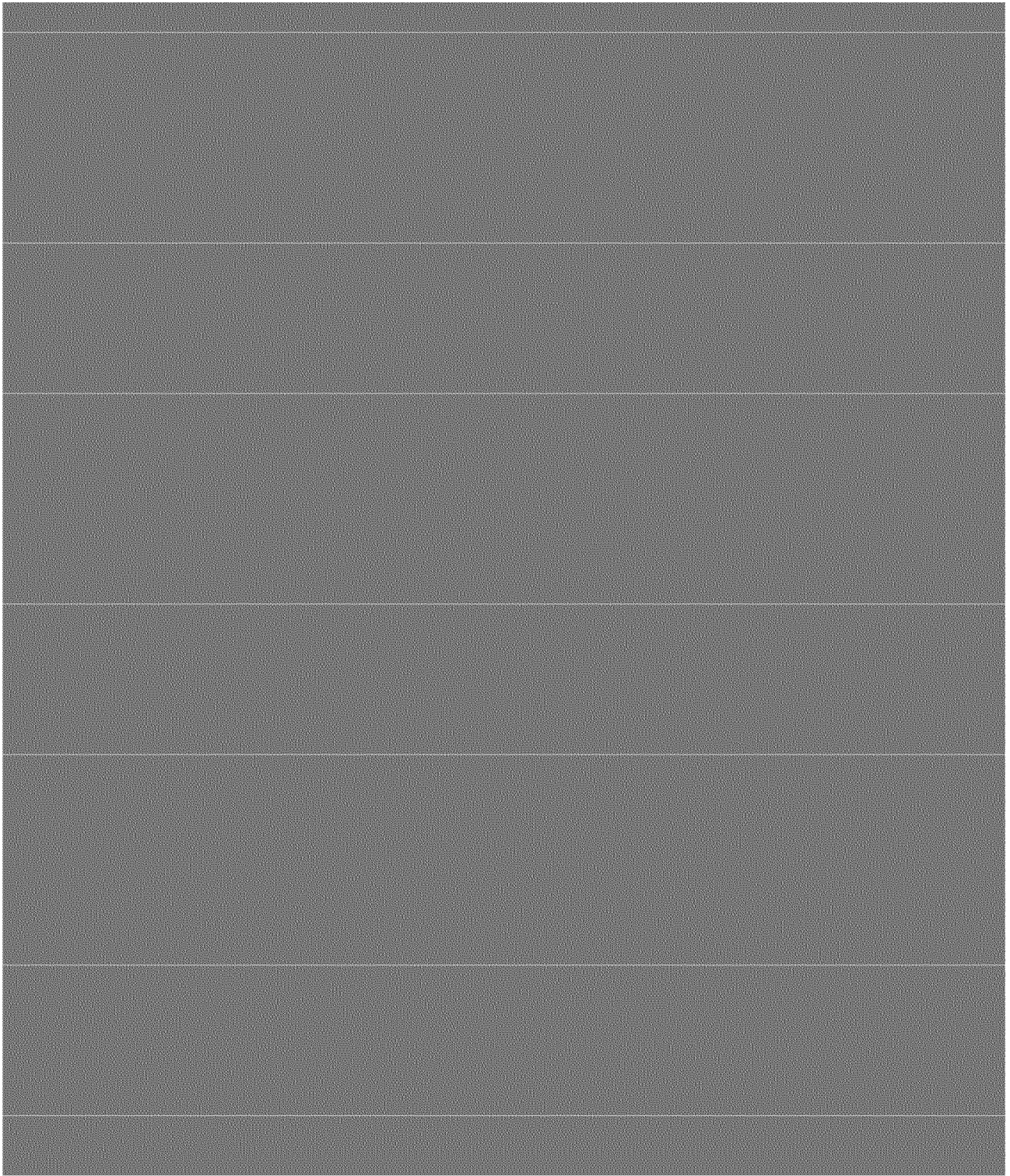
0.947 0.946
1.615 1.301
1.097 1.059
1.286 1.223
1.609

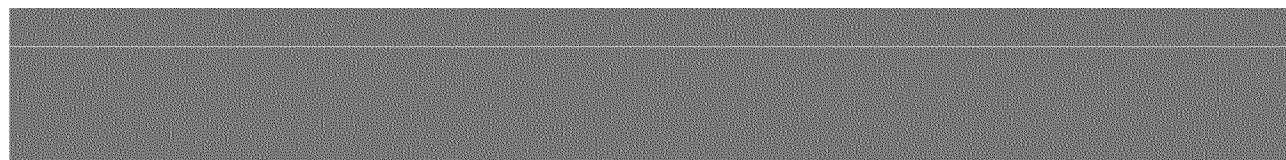
1.633	1.655		
1.627	1.644		
1.948	1.956		
1.463	1.583		
1.004	1.016		
2310	2240	1.7	0.2

0.233	0.233		
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0.555	0.409		
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0.635	0.791		
1.161	1.179		
2410	2420		
0.9	0.905		
1.159	1.158		





NO2_NO3_K_TOT_MCK_DIS_MGSO4_MG	BI_TOT	BI_DIS	GA_TOT	GA_DIS	MO_TOT	MO_DIS
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-9	-9	-9	-9	-9	-9	-9
0.54	-9	-9	160	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9
0.7	-9	-9	130	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9
-1	-9	-9	33	-9	-9	-9
-1	-9	-9	-9	-9	-9	-9
-1	-9	-9	69	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9
-1	-9	-9	95	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9
-1	-9	-9	140	-9	-9	-9
-1	-9	-9	130	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9
0.92	-9	-9	160	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9
-1	-9	-9	30	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9
-1	-9	-9	58	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9
-1	-9	-9	110	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9
-1	-9	-9	120	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9
-1	-9	-9	160	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9
-1	-9	-9	120	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9
-1	-9	-9	38	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9
-1	-9	-9	91	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9
-1	-9	-9	72	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9
-1	-9	-9	130	-9	-9	-9
0.72	-9	-9	150	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9
-9	-9	-9	140	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9

-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
-1	-9	-9	-9	-9	-9	-9	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
-1	-9	-9	89	-9	-9	-9	-9	-9	-9
-1	-9	-9	57	-9	-9	-9	-9	-9	-9
-1	0.5	-9	56	-9	-9	-9	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
-1	-9	-9	52	-9	-9	-9	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
-1	-9	-9	91	-9	-9	-9	-9	-9	-9
-1	-9	-9	160	-9	-9	-9	-9	-9	-9
-1	-9	-9	190	-9	-9	-9	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
-9	-9	1.1	260	-9	-9	-9	-9	-9	-9
-1	-9	-9	260	-9	-9	-9	-9	-9	-9
-1	-9	-9	39	-9	-9	-9	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
-1	-9	-9	140	-9	-9	-9	-9	-9	-9
-1	-9	-9	200	-9	-9	-9	-9	-9	-9
-1	-9	-9	230	-9	-9	-9	-9	-9	-9
-9	-9	0.9	280	-9	-9	-9	-9	-9	-9
-1	-9	-9	280	-9	-9	-9	-9	-9	-9
-1	-9	-9	350	-9	-9	-9	-9	-9	-9
-1	-9	-9	340	-9	-9	-9	-9	-9	-9
-1	-9	-9	76	-9	-9	-9	-9	-9	-9
-9	-9	0.5	66	-9	-9	-9	-9	-9	-9
-9	-9	0.4	42	-9	-9	-9	-9	-9	-9
-1	-9	-9	64	-9	-9	-9	-9	-9	-9
-1	-9	-9	150	-9	-9	-9	-9	-9	-9
-9	-9	0.7	150	-9	-9	-9	-9	-9	-9
-1	-9	-9	170	-9	-9	-9	-9	-9	-9
-9	-9	0.8	220	-9	-9	-9	-9	-9	-9
-1	-9	-9	220	-9	-9	-9	-9	-9	-9
-1	-9	-9	240	-9	-9	-9	-9	-9	-9
-1	-9	-9	240	-9	-9	-9	-9	-9	-9
-1	-9	-9	350	-9	-9	-9	-9	-9	-9
-9.00	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00
-9.00	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00
-9	-9	0.8	210	-9	-9	-9	-9	-9	-9
-1	-9	-9	210	-9	-9	-9	-9	-9	-9
-9	0.42	-9	40	-9	-9	-9	-9	-9	-9
-1	-9	-9	-9	-9	-9	-9	-9	-9	-9
-9	0.6	-9	132	-9	-9	-9	-9	-9	-9
-9	0.9	-9	278	-9	-9	-9	-9	-9	-9
		0.9	270						

-1	-9	1.3	300	-9	-9	-9	-9	-9	-9
0.17	1.3	-9	180	-9	-9	-9	-9	-9	-9
		1.2	180						
-9	-9	1.2	180	-9	-9	-9	-9	-9	-9
-9	-9	-9	180	-9	-9	-9	-9	-9	-9
		0.4	39						
-9.00	-9.00	-9.00	32.90	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00
-9.00	-9.00	-9.00	98.80	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00
-9.00	-9.00	-9.00	122.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00
-9.0	-9.0	-9.0	204.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
-9.0	-9.0	-9.0	198.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
		0.9	190						
-9.00	-9.00	-9.00	171.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00
-9.00	-9.00	-9.00	173.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00
		0	173						
-9.0	-9.0	-9.0	160.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
-9.0	-9.0	-9.0	163.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
-9.0	-9.0	-9.0	215.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
			202.0					<10	<10
		0.8	200						
-9.0	-9.0	-9.0	251.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
-9.0	-9.0	-9.0	270.0	-9.0	-9.0	-9.0	-9.0	-9.0	-9.0
-9.00	-9.00	-9.00	281.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00
-9.00	-9.00	-9.00	319.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00
			248.0					<10	28.4
			255.0					<10	<10
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			285.0					<10	<10
								<10	22.4
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			127.0					<10	<10
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			74.3					<10	<10

			48.1					<10	<10
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			35.7					<10	<10
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			42.0					10.3	<10
			39.0					<10	<10
		0.4	43.408						
			41.0					<10	<10
			40.8					<10	<10
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			53.8					15.9	<10
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		205		
	BDL	135		
	BDL	135		
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		62		

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	270		
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	313		
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	340		
	335		
	310		
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	270		
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	190		
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	187		
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	210		
	205		
	210		
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	370	
	232	
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	120	
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	88	
	90	
	222	

210
 0.88 235.01
 246
 220
 308
 200
 206
 180
 306
 270
 332
 280
 0.86 241.94
 331
 300

 355
 381

0.6268 115.83
 131
 1.06 135

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	162							

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249

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	200	
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	0.702	0.693	
	0.882	0.818	
	1270	1060	232
	1.002	1.053	
		1080	235
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	1.622	1.607	
	0.893	0.83	
	0.901	0.89	
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592 604 71.4

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0.849 0.773

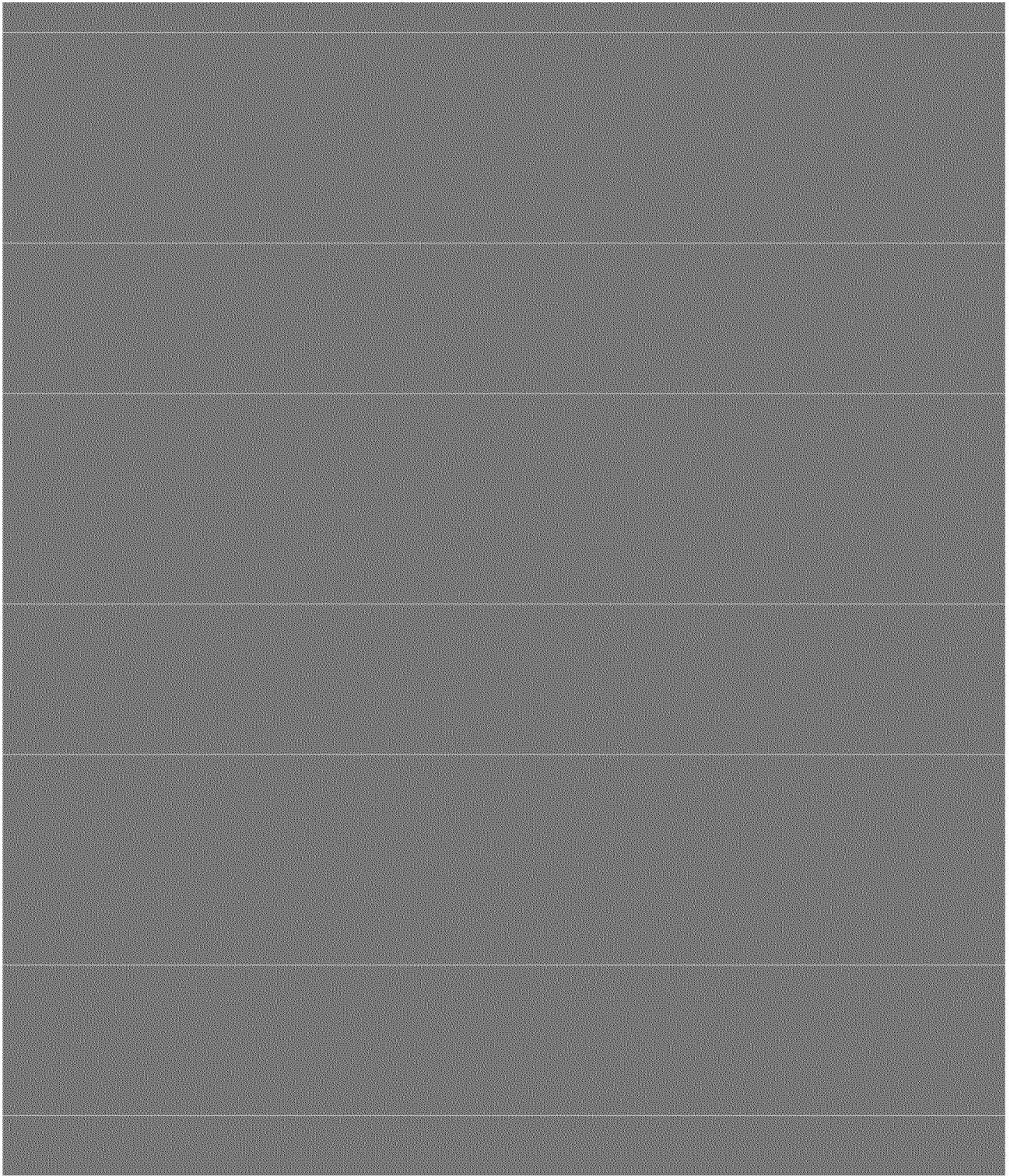
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[illegible]

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	5.718

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246 231

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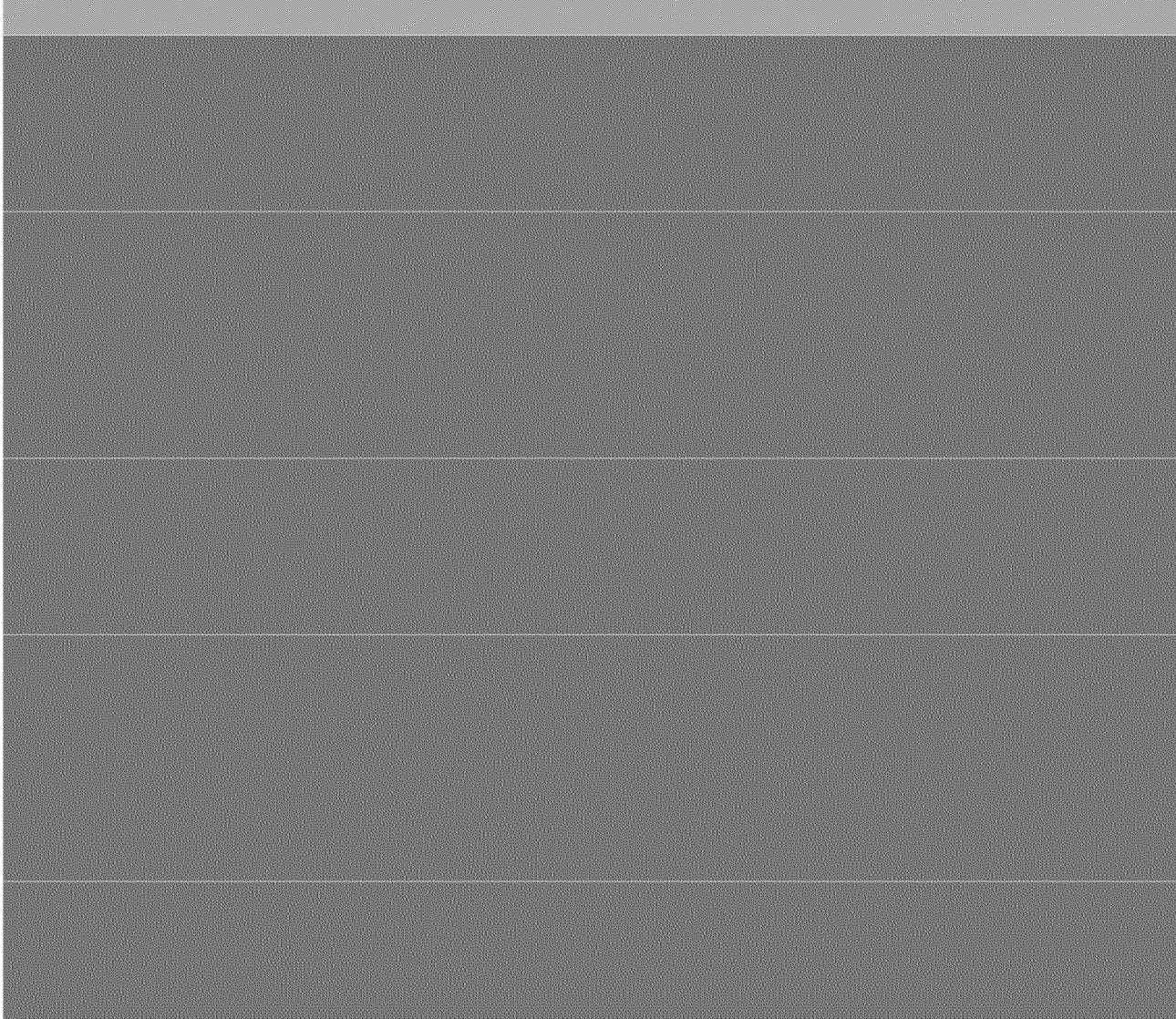
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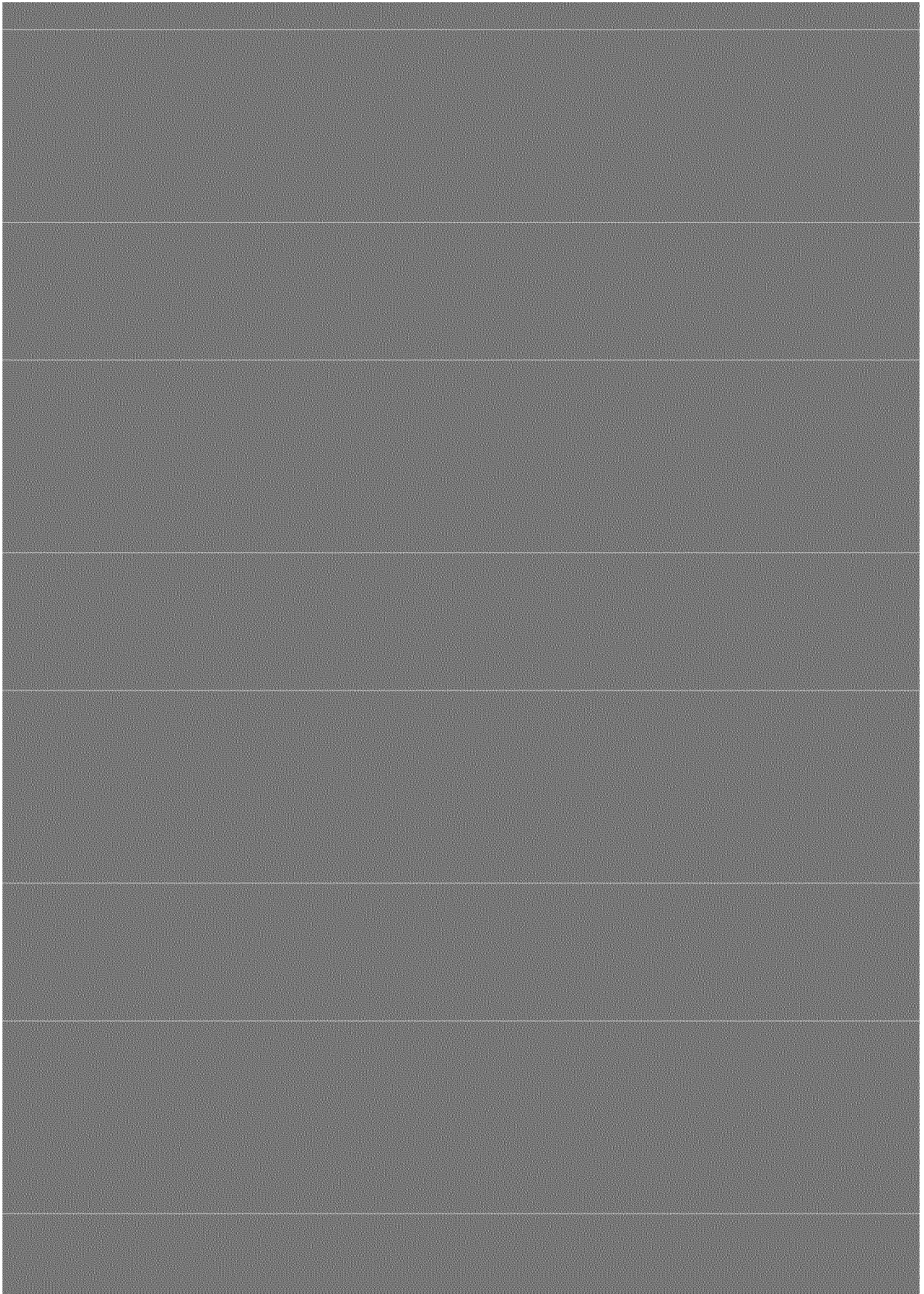
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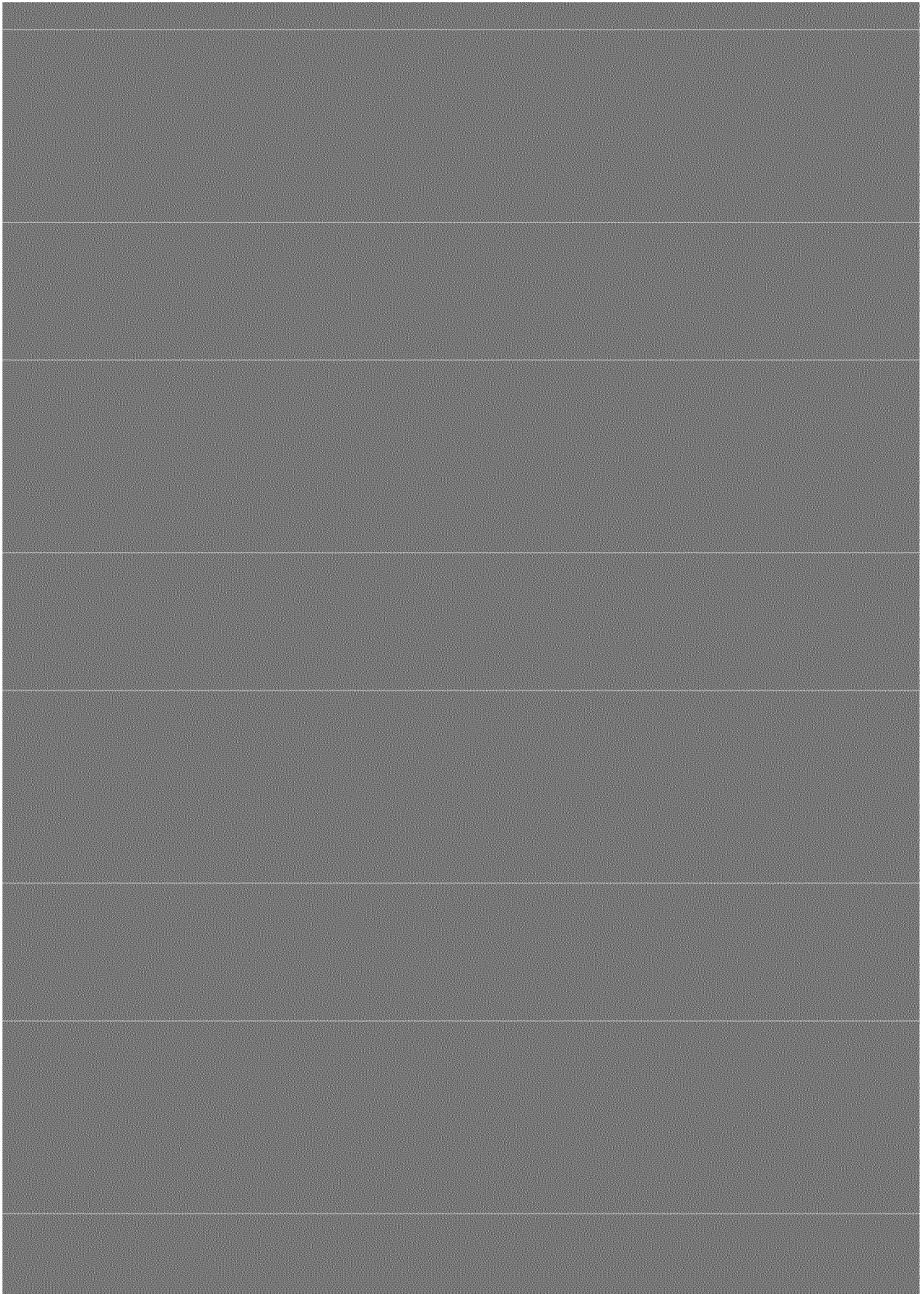
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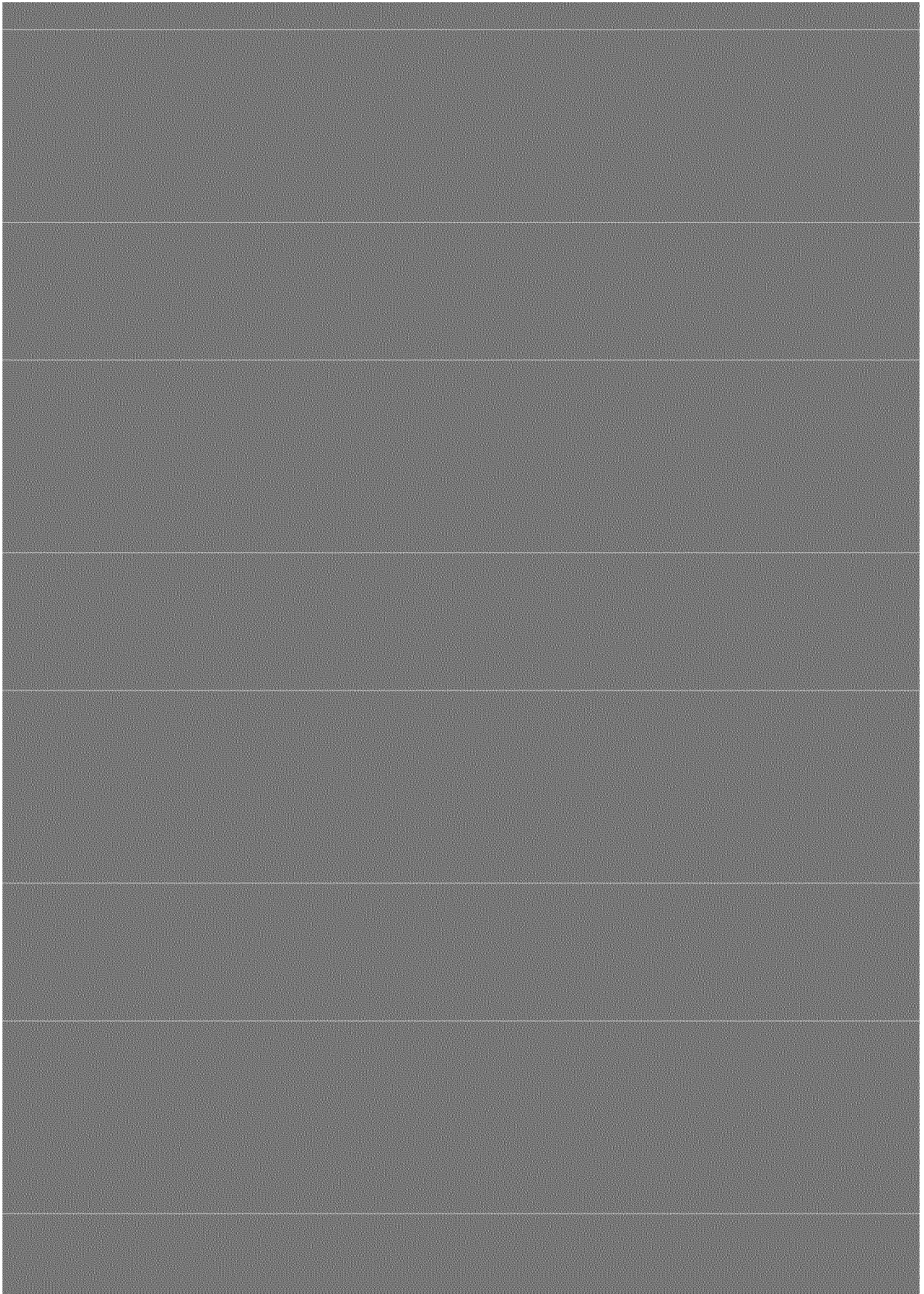
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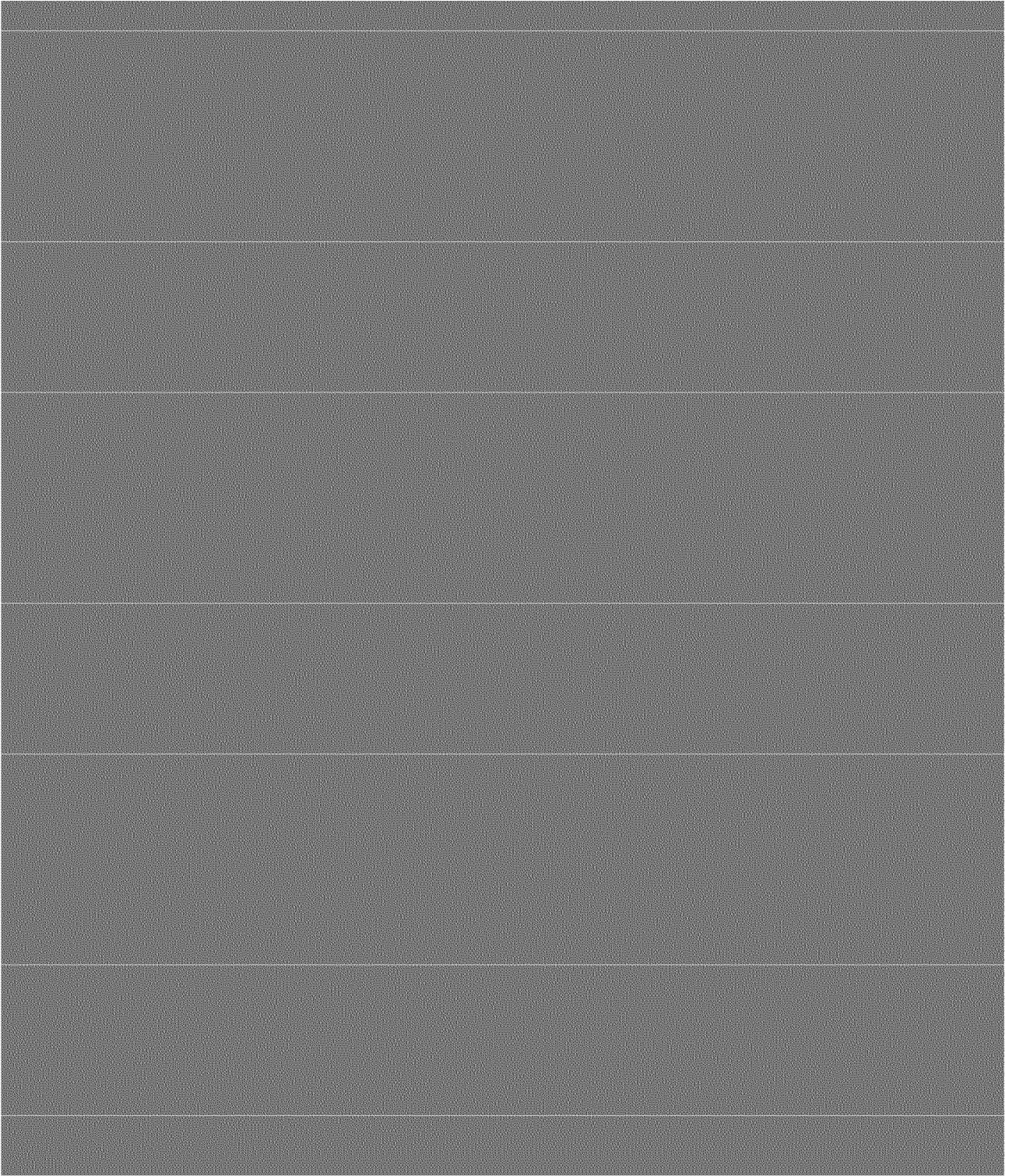
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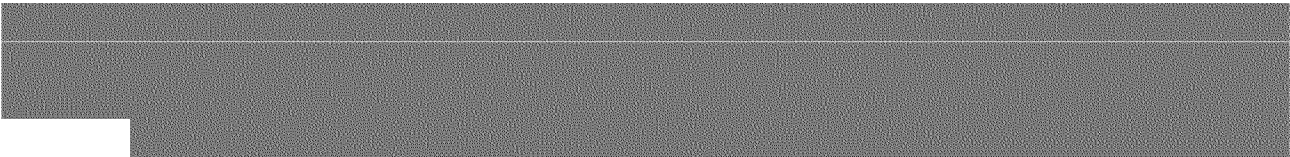






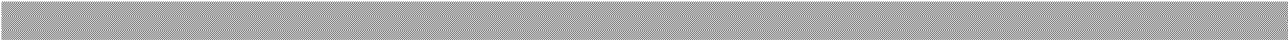






Charge Balance	Sampler	Well Depth	Water level	Casing	water	
meq/L		feet	feet	abv. Grd.	column	DOC





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1.3 GN
Phil Alcon

5.77 Phil Alcon

	GN, EN
	GN, EN

Phil Alcon

EN
Phil Alcon
LP

Phil Alcon
LP

Phil Alcon

LP

Phil Alcon

LP

Phil Alcon

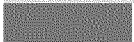
LP

LP

Phil Alcon



3.43



2.83

2.83



1.16



3.57

4.14

3.33

1.94

1.63

2.78

0.483

1.45

-9	Phil Alcon
-9	Phil Alcon
4.72	Phil Alcon



4.04 Phil Alcon



2.63 Phil Alcon



-4.17% Phil Alcon

1.33

<0.50



-1.13% Phil Alcon

<0.50



0.89



-2.10% Phil Alcon

<0.50



-1.66% Phil Alcon

-1.66 Alcon

-0.125 Alcon

Alcon

-3.99 Alcon

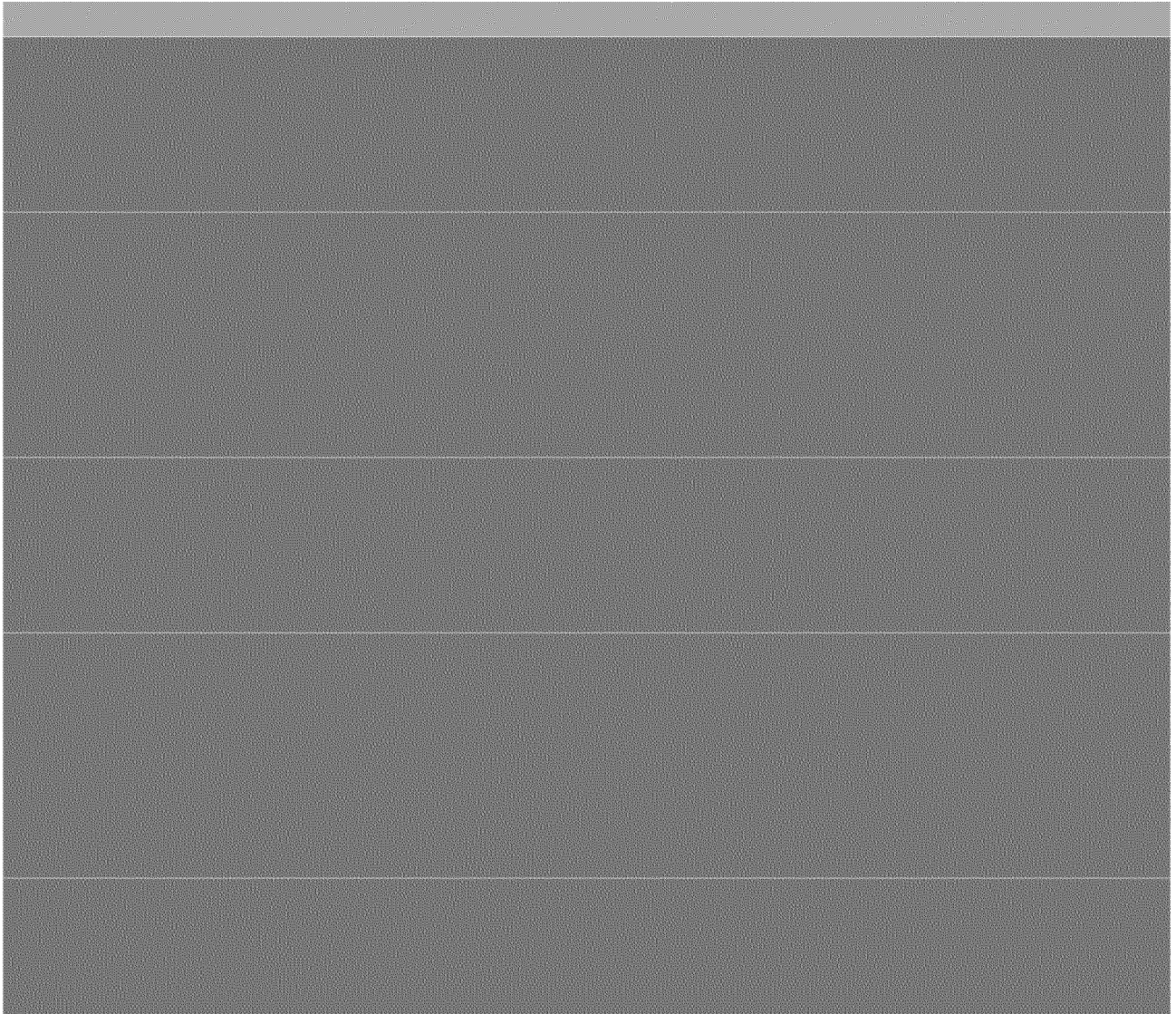
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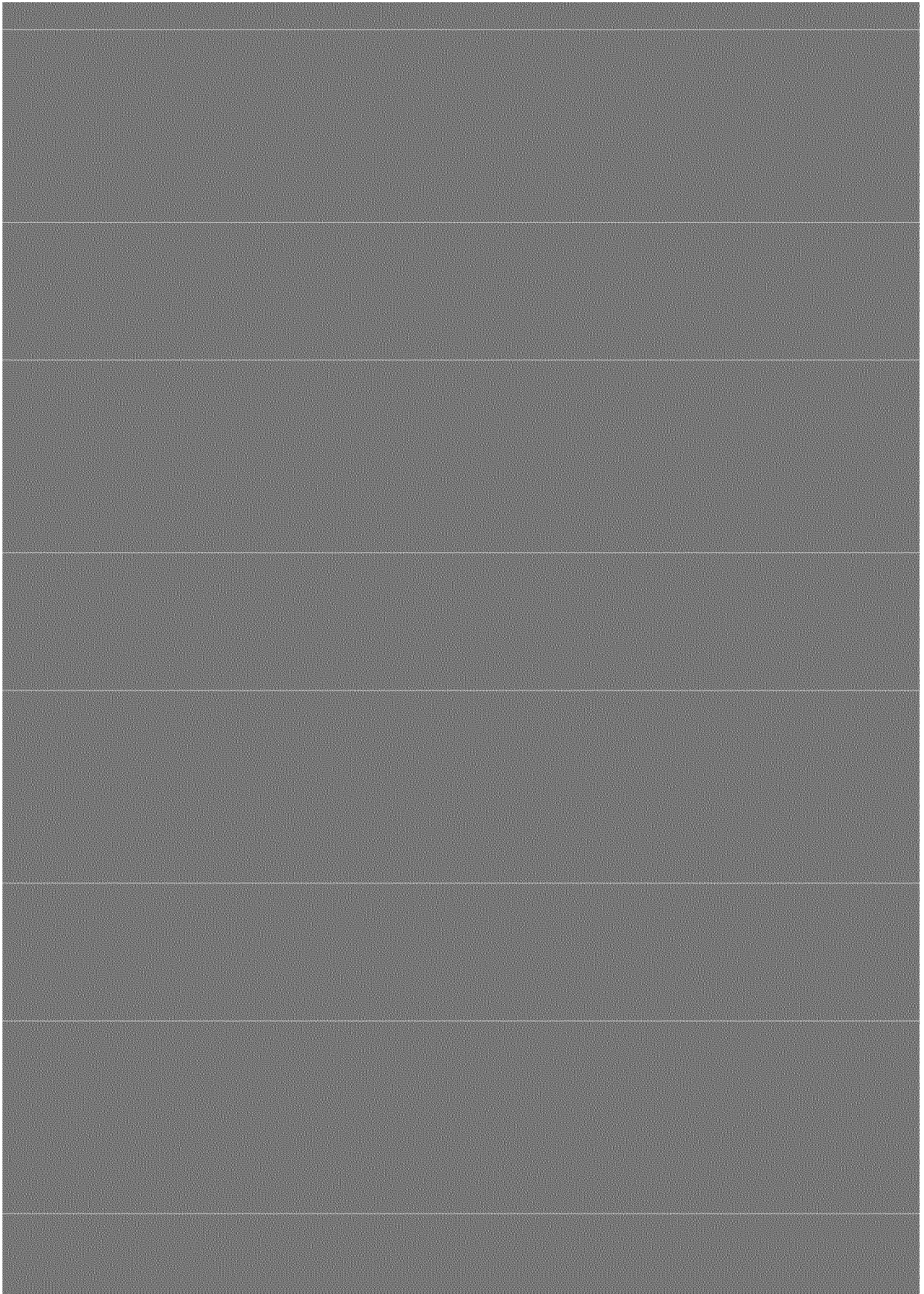
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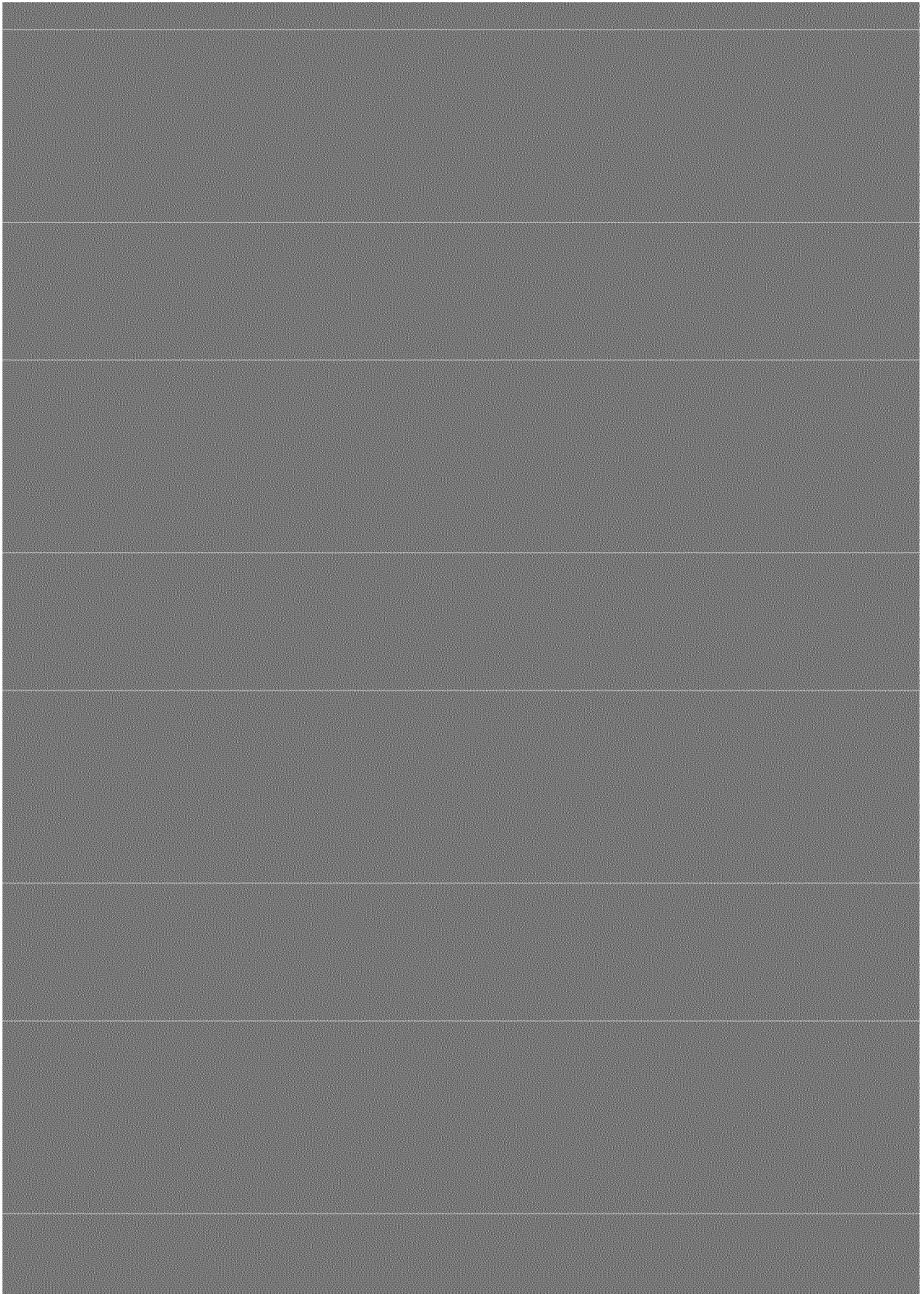
Phil Alcon

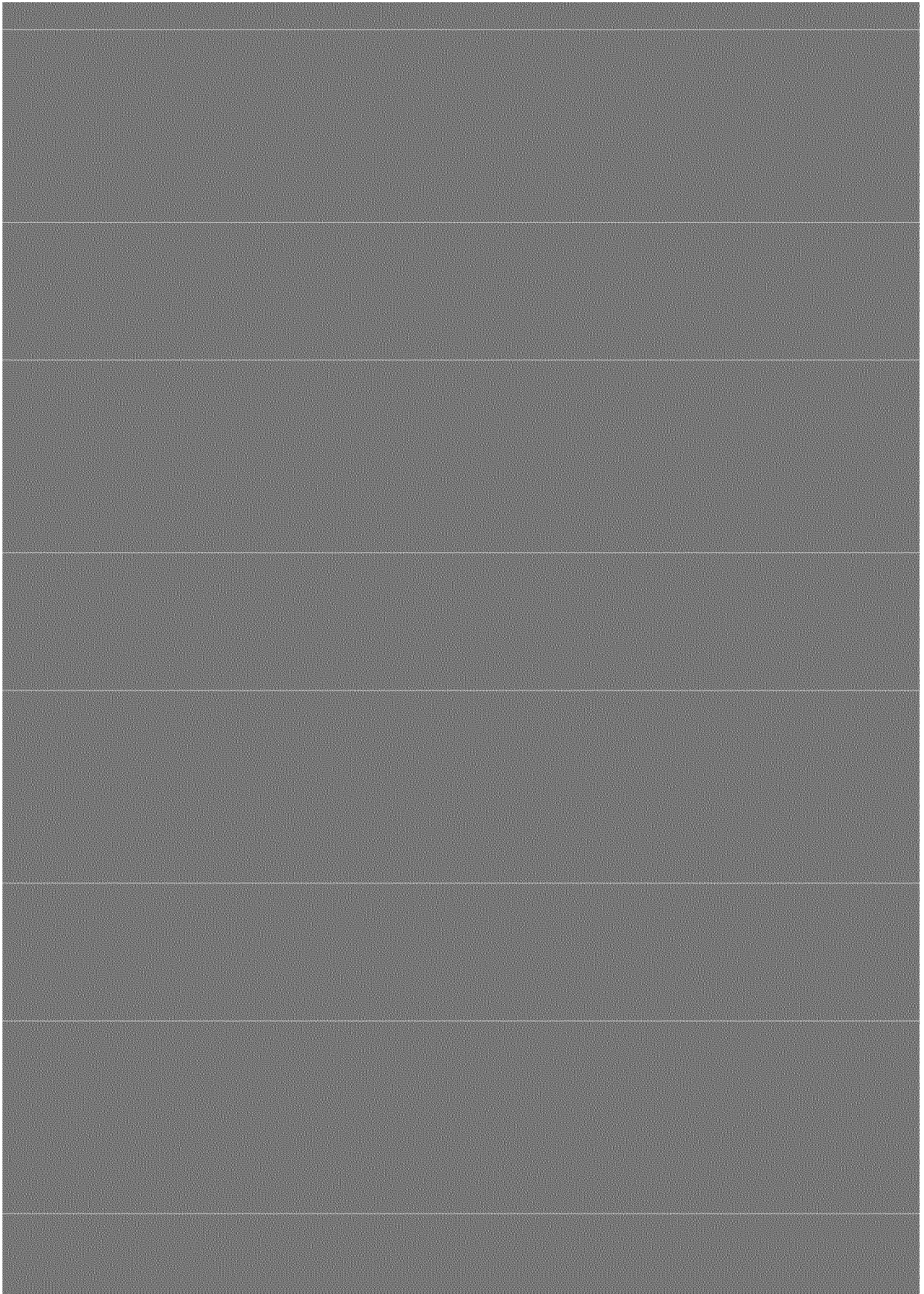
-2.64

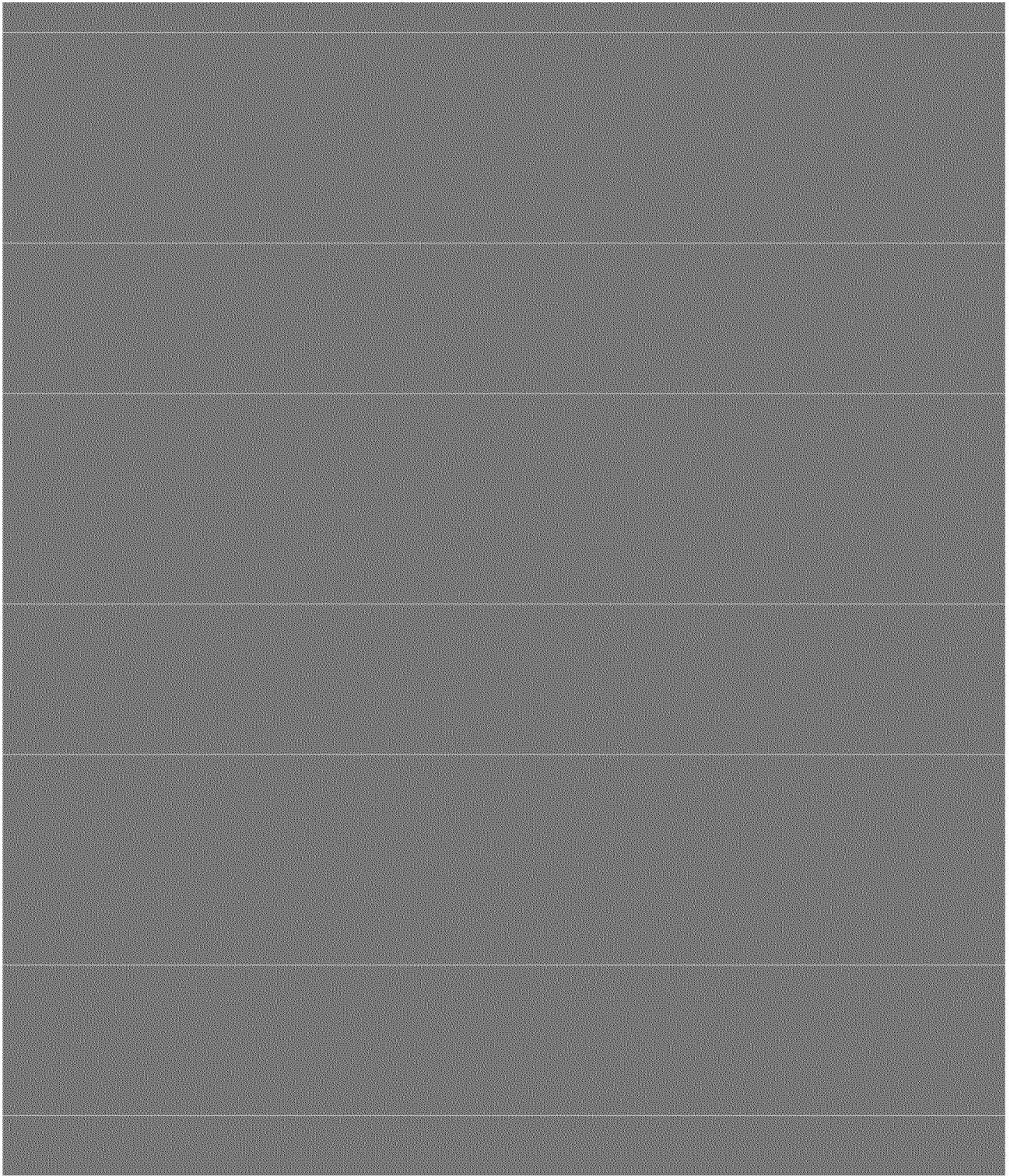
Phil Alcon

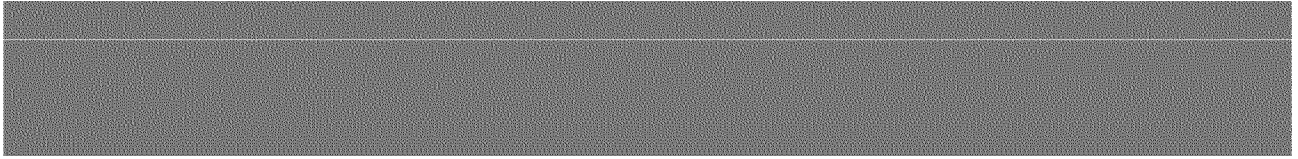




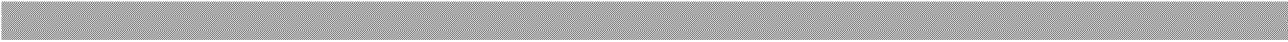












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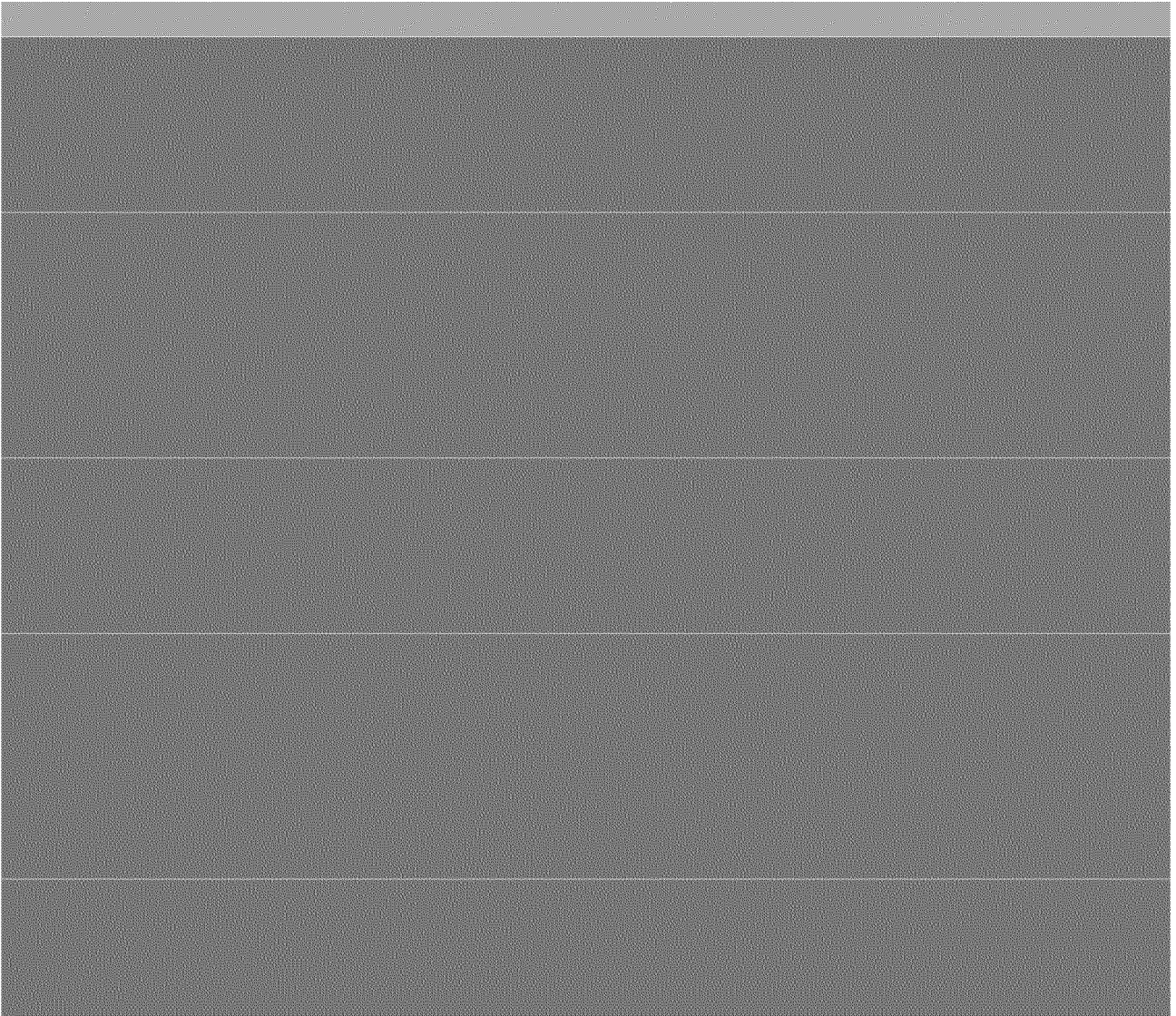
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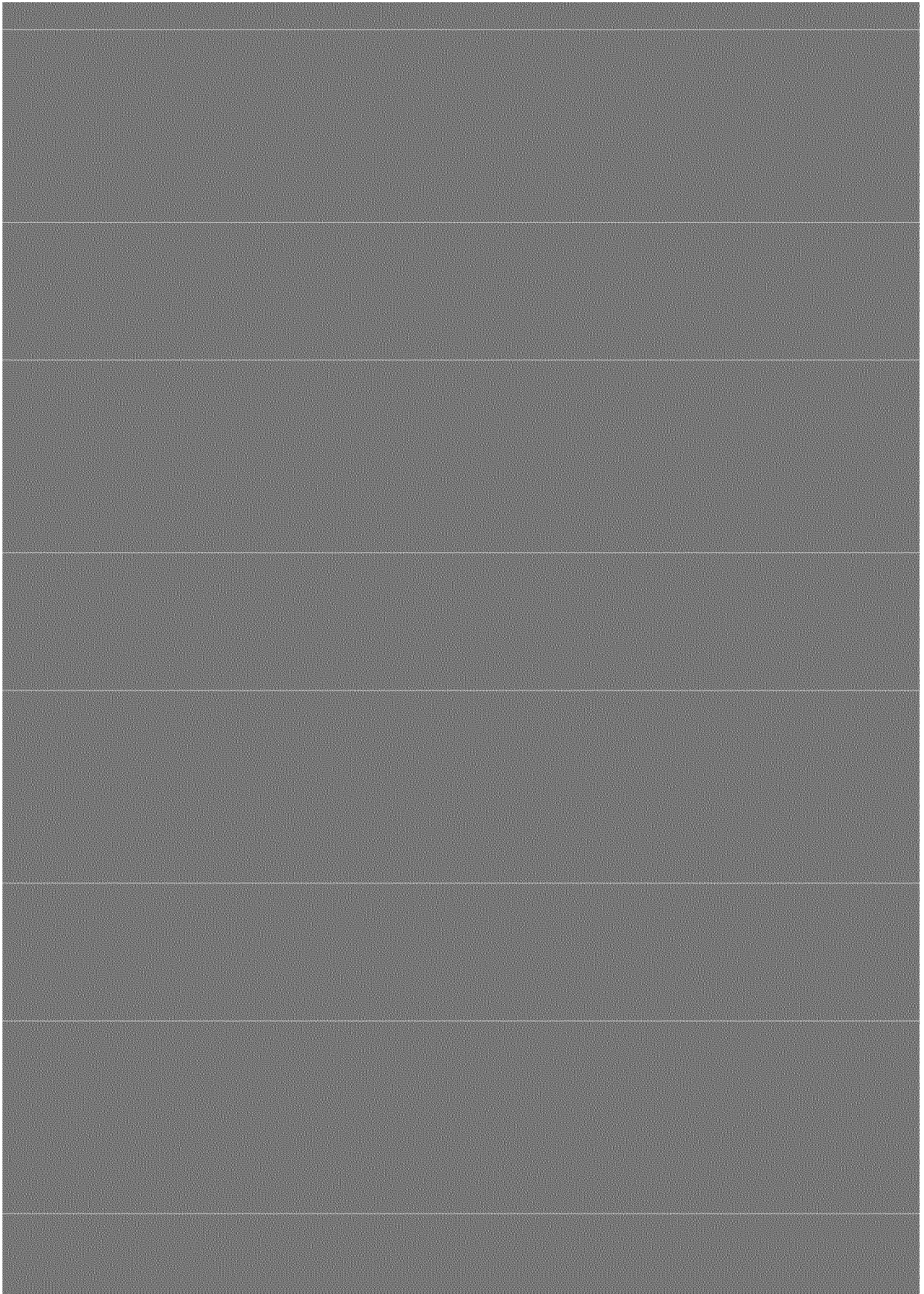
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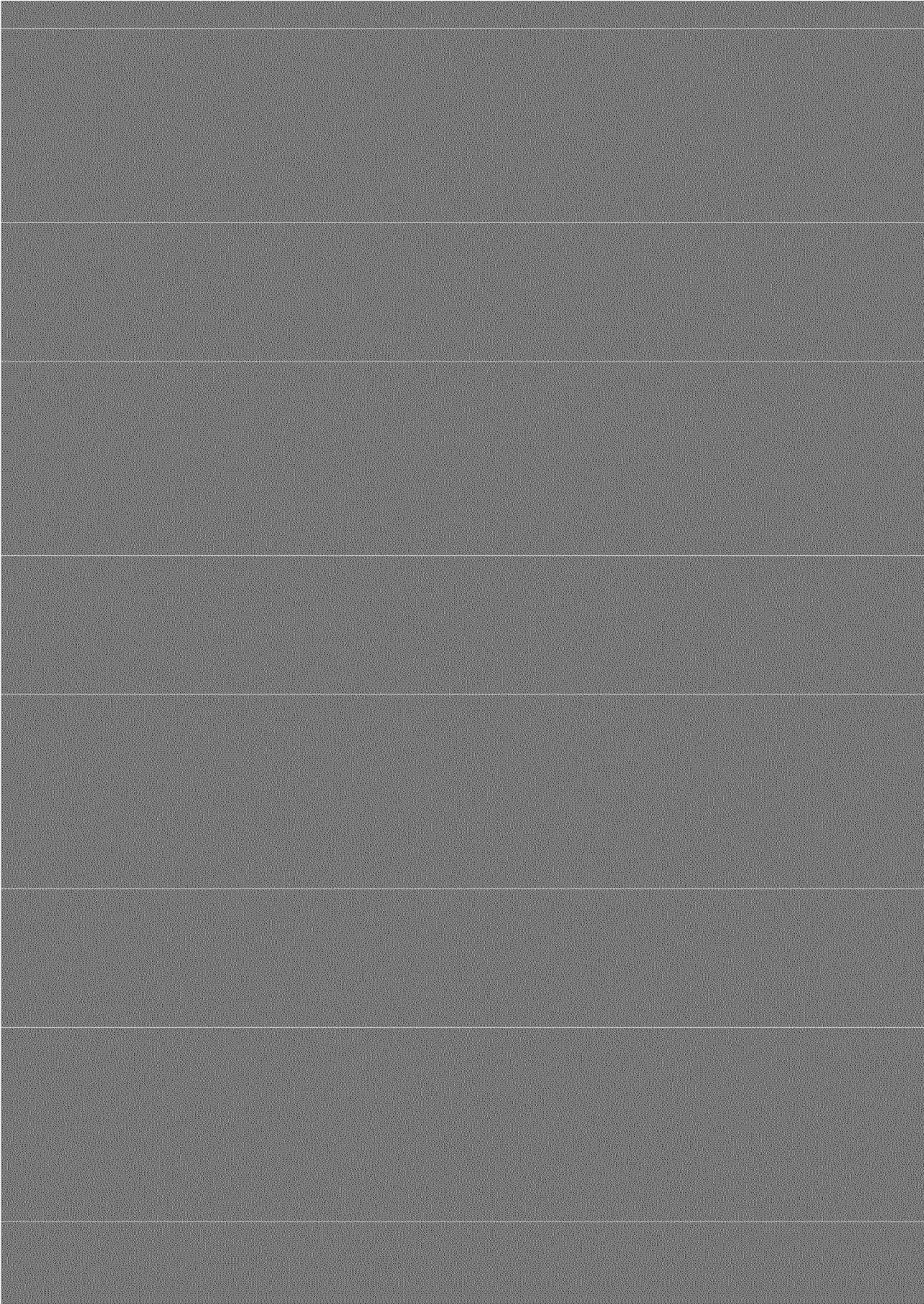
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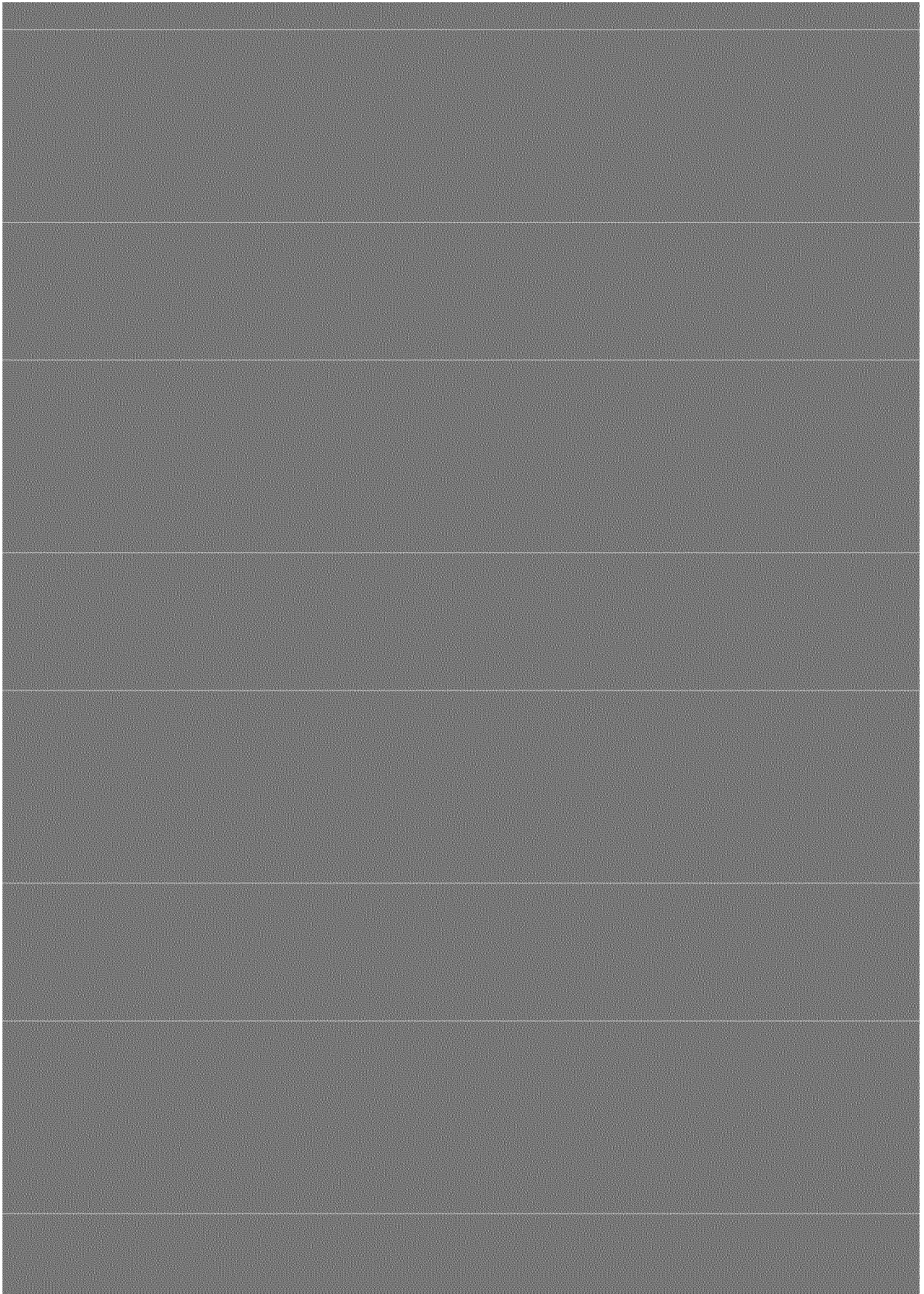
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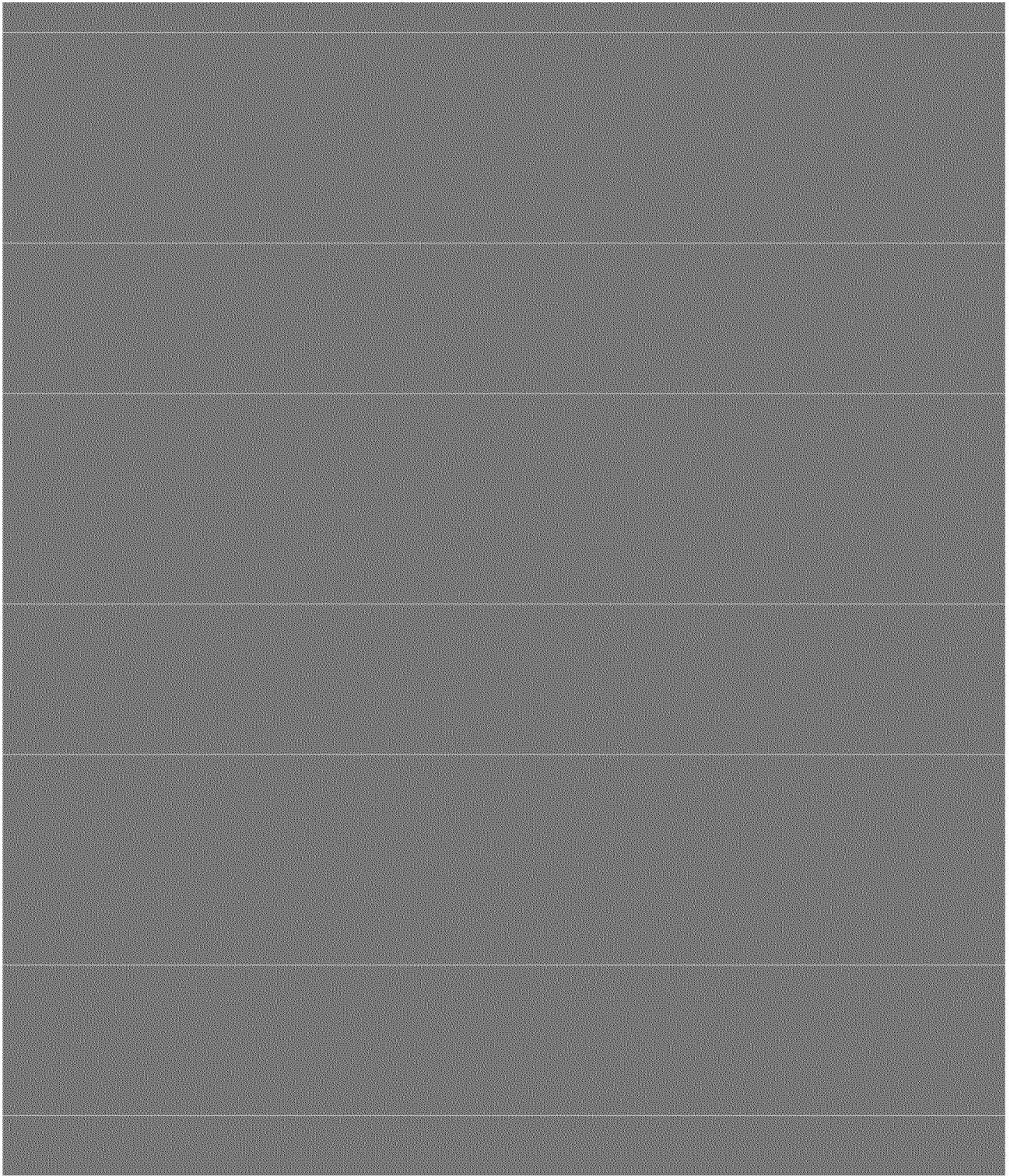
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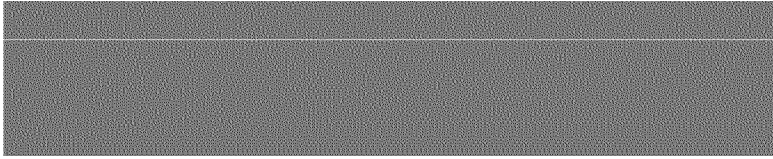
















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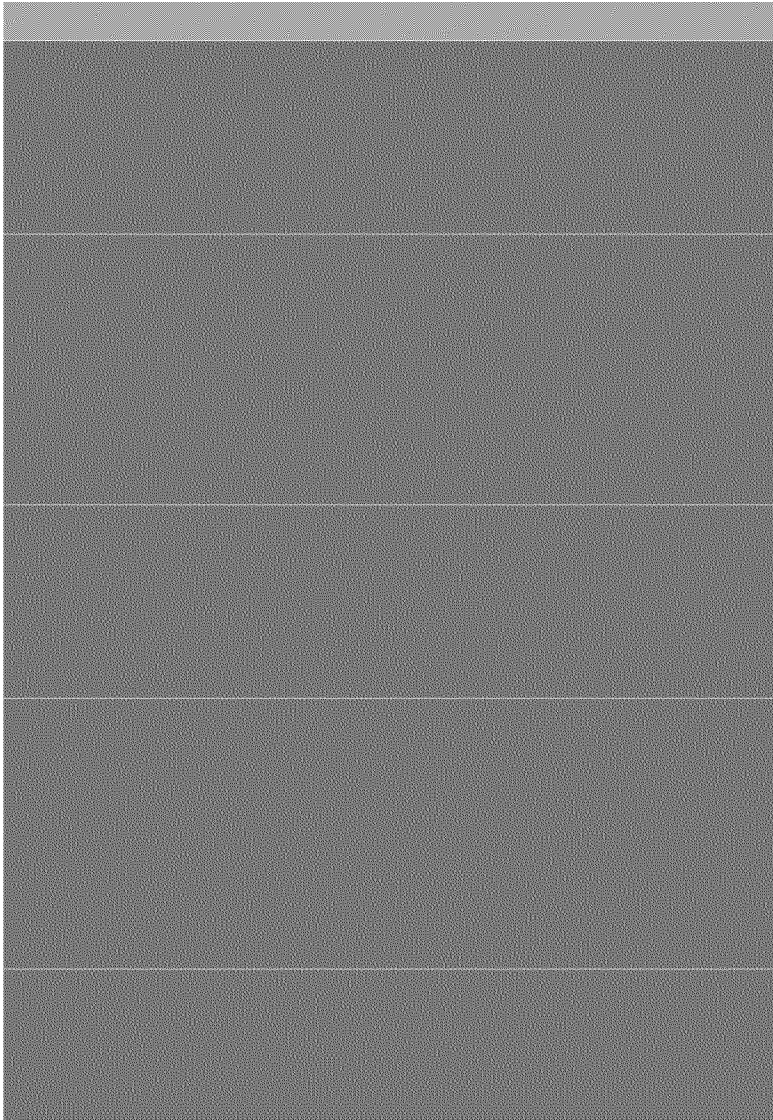
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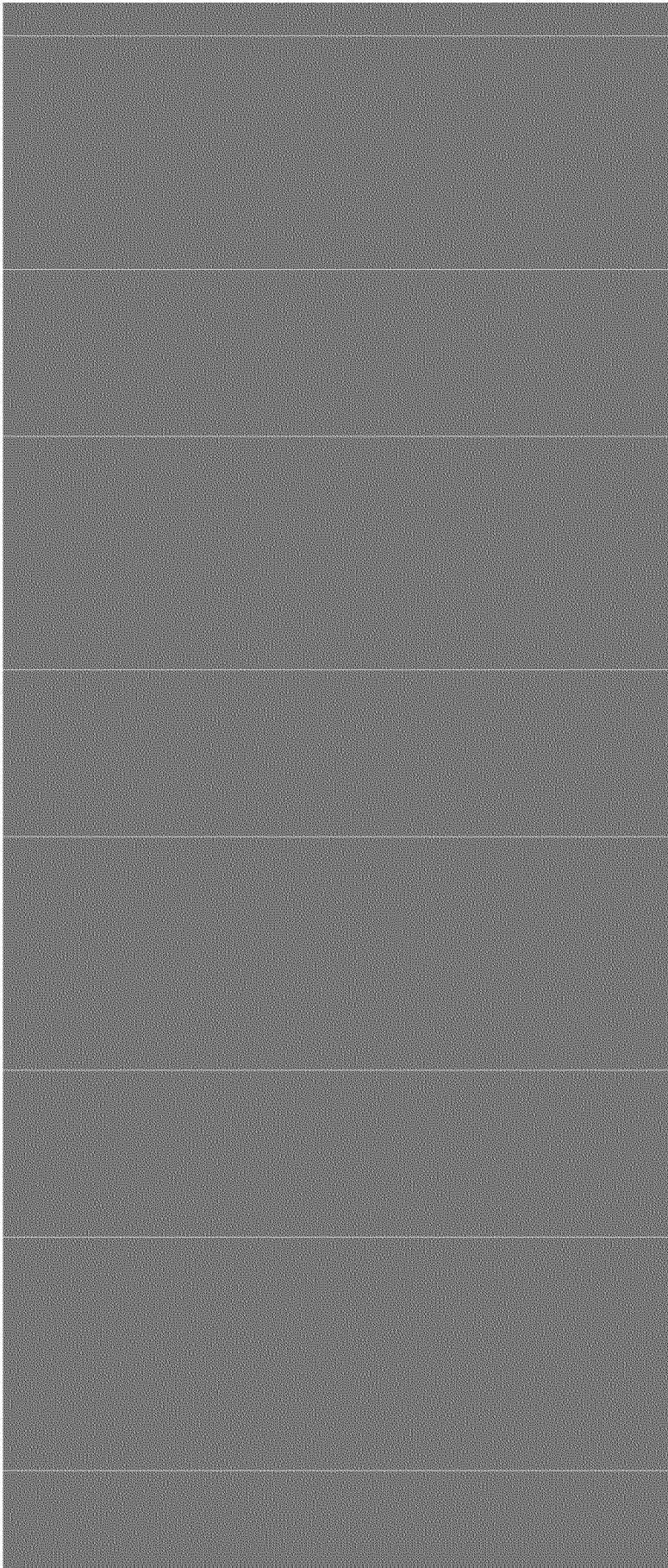
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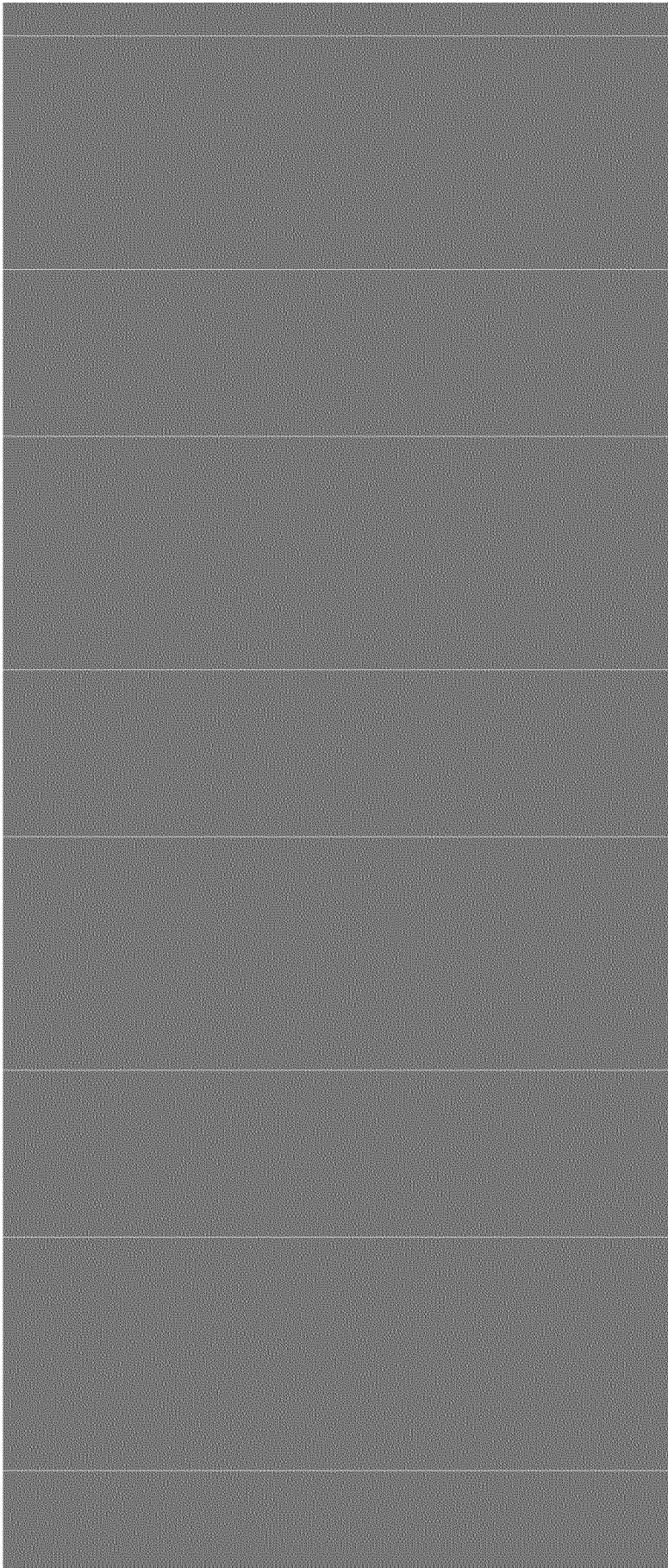
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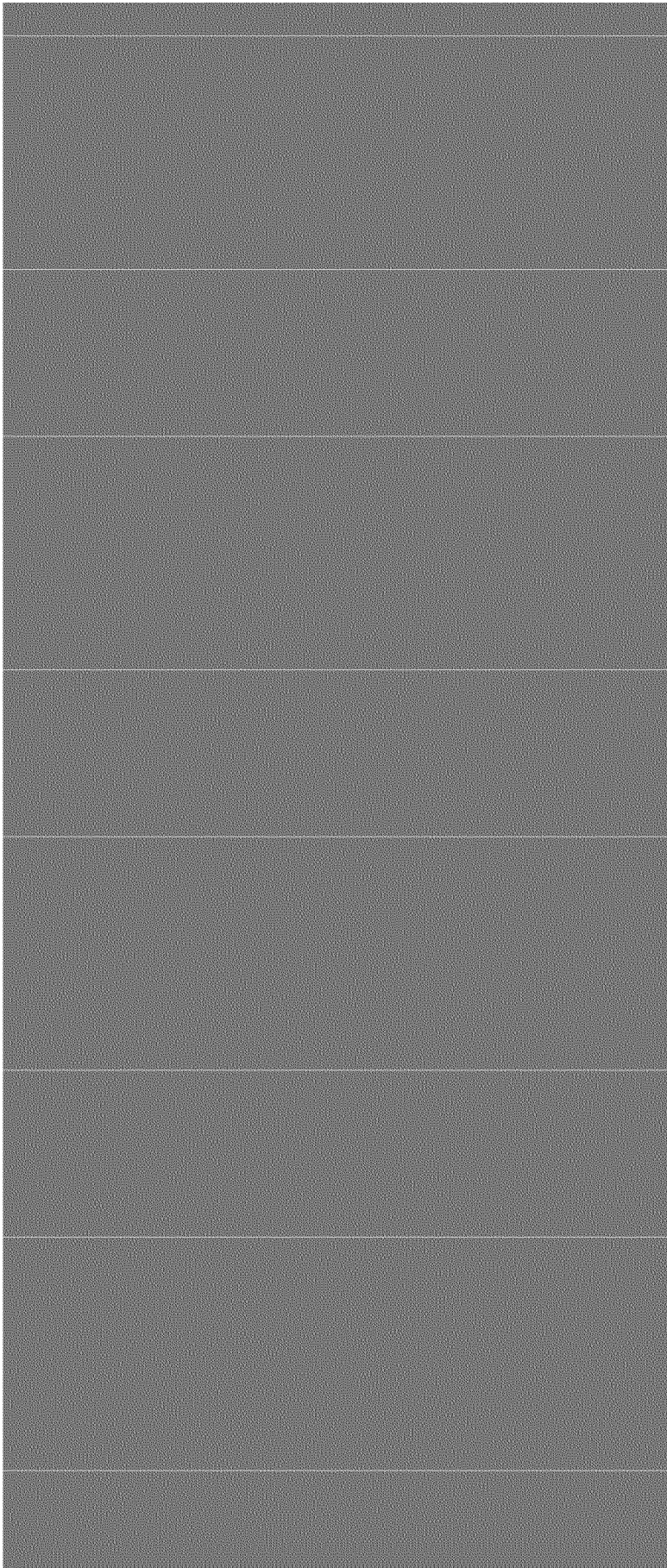
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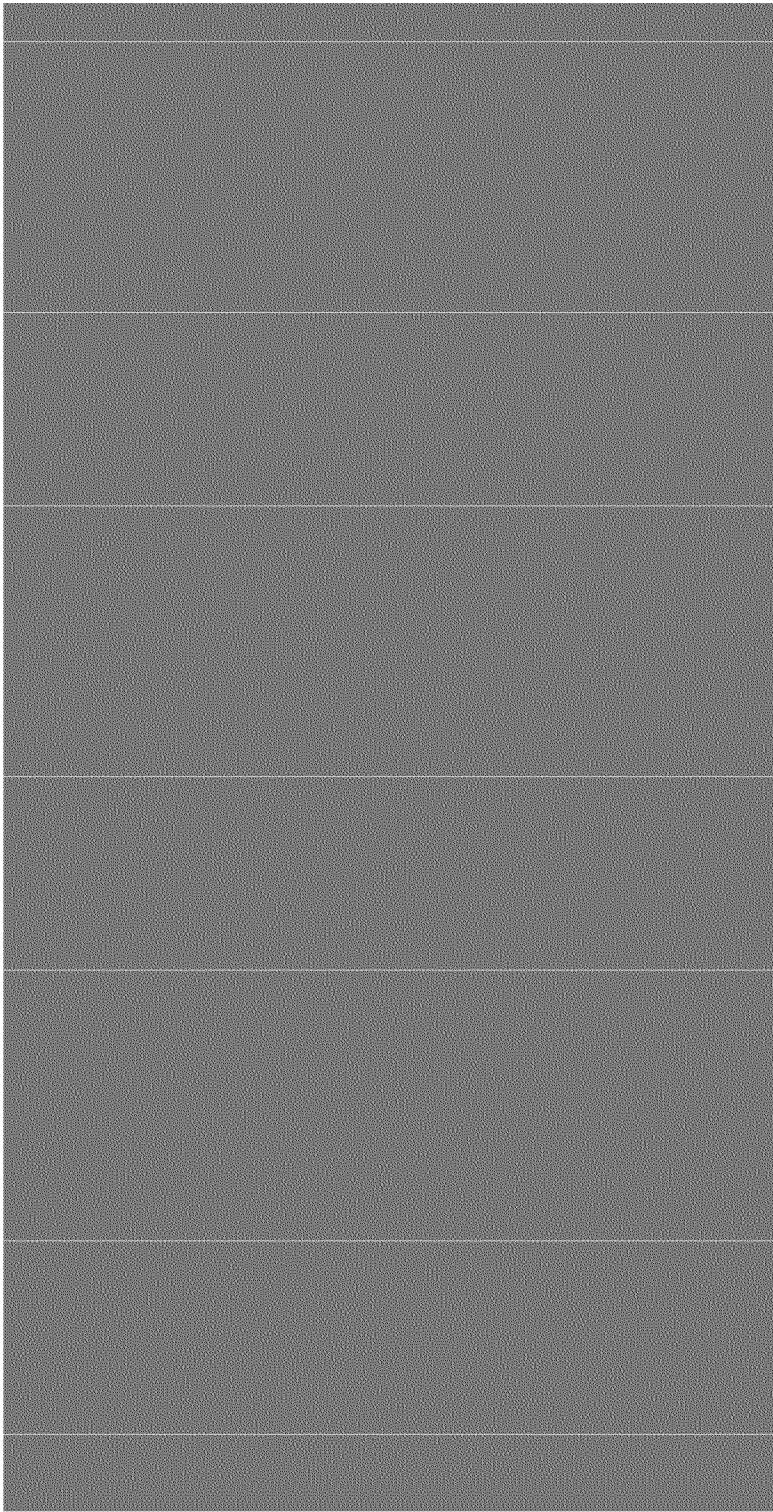
[REDACTED]











Days averaged

DATE

ZN_DIS

Flow

Annual

Annual

Annual

cfs Year

Average

85th

Discharge (cfs)

1991

393

524

06/09/88

400

1992

348

475

236.6

07/19/88

310

1993

378

516

331.4

08/09/88

320

1994

418

546

253.3

09/26/88

520

1995

535

708

388.7

10/06/88

450

1996

471

602

249.3

11/08/88

420

1997

453

704

408.1

12/08/88

500

1998

436

588

259.6

01/05/89

510

1999

477

700

342.4

02/14/89

550

2000

460

590

209.4

03/07/89

940

2001

460

610

276.5

04/24/89

670

2002

503

617

121.4

05/30/89

320

2003

498

649

213.6

06/29/89

240

2004

548

749

264.2

07/24/89

300

2005

556

815

335.9

08/02/89

270

2006

572

842

273.3

09/04/89

370

2007

581

789

305.5

10/05/89

360

2008

545

819

314.1

11/02/89

490

2009

534

780

271.3

12/13/89

550

2010

619

863

245.5

01/10/90

450

02/06/90

590

03/05/90

470

04/19/90

490

05/02/90

560

06/14/90

450

07/12/90

350

08/01/90

380

09/04/90

340

10/08/90

520

11/07/90

450

12/17/90

520

01/16/91

530

02/18/91

620

09/05/91

380

09/06/91

370

09/07/91

310

09/09/91

260

09/10/91

270

10/21/91

400

04/30/92

440

Days averaged then months

DATE

ZN_DIS

Annual

Year

Average

1988

417

1989

464

1990

464

1991

467

1992

338

1993

374

1994

447

1995

535

1996

471

1997

488

1998

463

1999

516

2000

483

2001

464

75

512

05/30/89

320

06/29/89

240

Dis Zn (ug/l)

	05/26/92	220	865	07/24/89	300		2002	510
	06/23/92	240	965	08/02/89	270		2003	494
	06/24/92	290	955	09/04/89	370		2004	582
	06/25/92	210	905	10/05/89	360		2005	575
	07/23/92	240	430	11/02/89	490		2006	572
	08/19/92	360	134	12/13/89	550		2007	596
	09/24/92	370	121	01/10/90	450		2008	547
	10/14/92	480	85	02/06/90	590		2009	519
	10/15/92	510	83	03/05/90	470		2010	676
	10/22/92	470	83	04/19/90	490			
	06/15/93	180	2090	05/02/90	560			
	07/20/93	290	464	06/14/90	450			
	07/21/93	260	452	07/12/90	350			
	08/23/93	270	209	08/01/90	380		Jan	Feb
	09/28/93	370	124	09/04/90	340	1988		
	10/26/93	480	95	10/08/90	520	1989	510	
	11/10/93	520	76	11/07/90	450	1990	450	590
	11/29/93	500	71	12/17/90	520	1991	530	620
	12/29/93	530	62	01/16/91	530	1992		
	03/29/94	670	80	02/18/91	620	1993		
	05/16/94	510	654	09/05/91	318	1994		
	05/18/94	500	717	10/21/91	400	1995	680	600
	06/02/94	300	1720	04/30/92	440	1996	540	
	06/27/94	200	677	05/26/92	220	1997	684	727
	07/18/94	300	173	06/23/92	247	1998	586	578
	07/26/94	360	155	07/23/92	240	1999	725	589
	09/28/94	370	143	08/19/92	360	2000	559	610
	11/09/94	555	107	09/24/92	370	2001	779	590
	01/18/95	680	74	10/14/92	487	2002	573	582
	02/07/95	600	86	06/15/93	180	2003	645	628
	04/12/95	790	129	07/20/93	275	2004	750	741
	06/21/95	350	2120	08/23/93	270	2005		705
	09/06/95	360	248	09/28/93	370	2006		
	11/29/95	428	78	10/26/93	480	2007	965	
	01/16/96	540	68	11/10/93	510	2008		
	04/09/96	853	217	12/29/93	530	2009		
	05/22/96	270	1390	03/29/94	670	2010		1110
	06/18/96	280	661	05/16/94	505	STD	460	520
	07/16/96	325	218	06/02/94	250			
	8/14/1996	437	100	07/18/94	330	n =	14	13
	09/27/96	357	141	09/28/94	370	S =	55	27
	10/01/96	376	129	11/09/94	555	σ =	18.26655	16.39105
	10/18/1996	430	159	01/18/95	680	Z =	2.95622	1.58623
	11/7/1996	535	100	02/07/95	600	Confidence L	99.7%	88.7%
	11/19/96	547	100	04/12/95	790			
	12/13/1996	705	76	06/21/95	350			
	01/08/97	662	56	09/06/95	360			

	01/31/97	706	62	11/29/95	428	
	2/5/1997	700	64	01/16/96	540	
	02/26/97	754	59	04/09/96	853	
	03/05/97	767	60	05/22/96	270	
	03/26/97	868	121	06/18/96	280	
	4/11/1997	842	81	07/16/96	325	
	04/28/97	670	220	8/14/1996	437	
	05/06/97	605	406	09/27/96	357	
	05/13/97	484	832	10/01/96	403	
	05/20/97	334	1190	11/7/1996	541	
	05/28/97	385	568	12/13/1996	705	
	06/04/97	197	2280	01/08/97	684	
	6/10/1997	345	879	2/5/1997	727	
	06/12/97	287	1350	03/05/97	818	
	06/16/97	287	1350	4/11/1997	756	
	06/25/97	239	1530	05/06/97	452	
	07/01/97	232	1480	06/04/97	271	
	07/09/97	245	797	07/01/97	219	
	07/14/97	207	800	8/13/1997	267	
	07/31/97	191	859	09/10/97	293	
	8/13/1997	267	464	10/8/1997	383	
	09/10/97	330	209	11/12/97	455	
	09/25/97	255	464	12/23/97	528	
	10/8/1997	365	294	01/07/98	586	
	10/22/97	400	231	2/4/1998	578	
	11/12/97	440	150	03/04/98	654	
	11/25/97	469	115	04/08/98	791	
	12/3/1997	527	107	05/05/98	444	
	12/23/97	528	88	06/02/98	219	
	01/07/98	586	74	07/01/98	223	
	2/4/1998	585	74	08/05/98	290	
	02/13/98	571	62	9/2/1998	310	
	03/04/98	590	68	10/07/98	400	
	03/16/98	718	69	11/10/98	491	
	04/08/98	858	102	12/02/98	570	
	04/23/98	724	200	01/06/99	725	
	05/05/98	522	471	02/04/99	589	
	05/07/98	555	368	03/03/99	715	
	05/29/98	256	1190	04/07/99	611	
	06/02/98	234	1460	05/06/99	1013	
	06/10/98	233	632	6/3/1999	219	
	06/25/98	189	1030	07/07/99	180	
	07/01/98	220	1060	08/04/99	253	
	07/09/98	224	736	09/01/99	232	
	07/22/98	224	357	10/06/99	547	
	08/05/98	290	242	11/03/99	594	
	9/2/1998	240	214	12/01/99	518	

	09/09/98	315	127	01/05/00	559	
	09/30/98	375	110	02/02/00	610	
	10/07/98	400	126	03/01/00	598	
	11/10/98	528	114	04/05/00	683	
	11/13/1998	453	114	05/03/00	304	
	12/02/98	570	98	6/1/2000	244	
	01/06/99	725	63	07/05/00	382	
	02/04/99	650	54	08/02/00	387	
	02/19/99	529	58	09/06/00	383	
	03/03/99	715	54	10/04/00	562	
	04/07/99	583	100	11/01/00	541	
	4/8/1999	557	105	12/1/2000	548	
	04/30/99	694	166	01/03/01	779	
	05/06/99	1013	119	02/07/01	590	
	6/3/1999	260	916	03/14/01	605	
	06/09/99	210	1340	04/04/01	650	
	6/23/1999	187	1920	05/02/01	383	
	07/07/99	180	949	06/06/01	220	
	08/04/99	237	561	07/06/01	212	
	08/19/99	214	555	08/01/01	292	
	8/26/1999	308	406	09/05/01	355	
	09/01/99	232	557	10/03/01	427	
	10/06/99	547	168	11/1/2001	483	
	11/03/99	697	104	12/05/01	575	
	11/30/1999	491	74	01/02/02	573	
	12/01/99	518	70	02/06/02	582	
	01/05/00	559	70	03/06/02	545	
	02/02/00	610	45	04/03/02	603	
	03/01/00	598	42	05/01/02	322	
	04/05/00	790	72	06/05/02	264	
	4/13/2000	690	196	07/03/02	399	
	4/25/2000	570	321	08/07/02	493	
	05/03/00	419	655	09/04/02	628	
	5/24/2000	188	1760	10/02/02	527	
	6/1/2000	215	1270	11/06/02	565	
	06/07/00	228	910	12/04/02	613	
	6/29/2000	289	306	01/09/03	645	
	07/05/00	374	211	2/1/2003	628	
	7/19/2000	389	158	03/06/03	607	
	08/02/00	390	105	4/24/2003	638	
	8/9/2000	373	95	5/2/2003	464	
	8/18/2000	399	134	6/2/2003	229	
	09/06/00	458	176	7/2/2003	310	
	9/16/2000	308	119	8/14/2003	308	
	10/04/00	562	135	09/03/03	452	
	11/01/00	555	117	10/4/2003	448	
	11/7/2000	526	94	11/05/03	700	

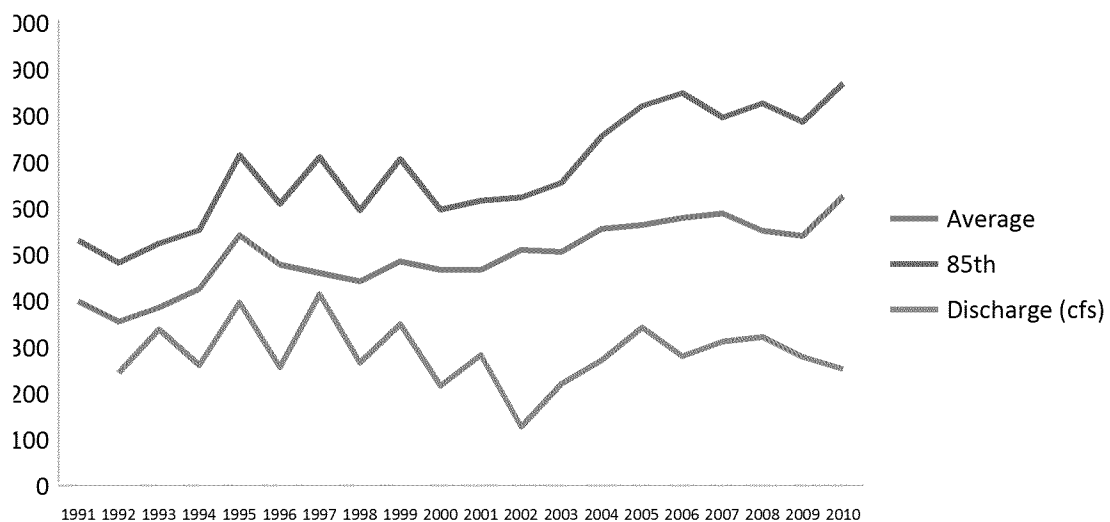
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	12/06/00	564	69	2/13/2004	741	
	01/03/01	779	75	03/10/04	798	
	02/07/01	590	54	4/16/2004	904	
	03/14/01	634	47	5/5/04	388	
	3/20/2001	575	59	6/8/2004	235	
	04/04/01	758	115	7/7/04	292	
	4/30/2001	541	500	8/4/2004	459	
	05/02/01	523	638	9/1/04	631	
	5/30/2001	242	1230	10/14/2004	467	
	06/06/01	220	1140	11/03/04	630	
	07/06/01	212	648	12/8/2004	687	
	08/01/01	276	332	02/15/05	705	
	8/10/2001	260	280	03/13/05	805	
	8/21/2001	341	223	04/09/05	831	
	09/05/01	355	116	05/04/05	706	
	10/03/01	427	77	6/9/2005	231	
	11/1/2001	471	67	07/06/2005	212	
	11/06/01	494	56	8/8/2005	297	
	12/05/01	575	36	9/14/05	531	
	01/02/02	573	52	10/13/05	515	
	02/06/02	582	51	11/2/2005	681	
	03/06/02	545	43	12/12/2005	812	
	04/03/02	707	176	3/7/06	980	
	4/16/2002	498	183	4/5/06	880	
	05/01/02	410	258	5/10/06	347	
	5/20/2002	235	423	6/6/06	238	
	06/05/02	264	339	7/12/06	370	
	07/03/02	392	87	8/2/06	352	
	7/31/2002	406	74	9/6/06	567	
	08/07/02	493	93	10/11/06	494	
	09/04/02	628	69	11/01/2006	655	
	10/02/02	527	149	12/5/06	835	
	11/06/02	565	78	1/11/07	965	
	12/04/02	695	65	4/2/07	789	
	12/5/2002	531	66	05/11/2007	311	
	01/09/03	645	57	07/11/2007	342	
	2/1/2003	636	42	8/6/2007	290	
	02/05/03	620	39	09/05/2007	570	
	03/06/03	682	46	10/25/2007	567	
	3/9/2003	532	43	11/6/2007	746	
	4/24/2003	638	134	12/5/2007	787	
	5/2/2003	589	274	05/07/08	479	
	05/06/03	500	225	6/3/2008	198	
	5/7/2003	558	217	07/09/08	239	
	5/30/2003	209	1860	8/5/2008	387	
	6/2/2003	229	1550	09/03/08	505	

	7/2/2003	298	363	10/6/2008	696	
	7/11/2003	322	204	11/7/2008	1047	
	8/14/2003	308	288	12/2/2008	823	
	09/03/03	460	130	4/29/2009	501	
	9/11/2003	444	297	5/13/2009	147	
	10/4/2003	386	147	6/12/2009	254	
	10/27/2003	509	70	7/8/2009	299	
	11/05/03	730	70	8/12/2009	585	
	11/6/03	670	80	9/9/2009	621	
	01/20/04	750	50	10/5/2009	611	
	2/13/2004	741	46	11/4/2009	885	
	03/10/04	800	68	12/1/2009	769	
	3/19/2004	795	112	2/17/2010	1110	
	4/16/2004	904	204	3/17/2010	1200	
	5/5/04	544	704	4/13/2010	850	
	5/11/2004	363	907	5/4/2010	597	
	5/28/2004	256	1320	6/2/2010	185	
	6/8/2004	214	1690	7/8/2010	374	
	6/17/2004	256	738	8/10/2010	436	
	7/7/04	284	439	9/14/2010	719	
	07/13/04	300	357	10/4/2010	629	
	8/4/2004	365	156	11/2/2010	667	
	8/19/2004	553	108	12/7/2010	672	
	9/1/04	688	63			
	09/09/04	550	120			
	9/15/2004	654	104			
	10/14/2004	467	148			
	11/03/04	690	110			
	11/8/2004	567	117			
	11/10/04	634	120			
	12/8/2004	687	85			
	02/15/05	705	79			
	03/13/05	805	100			
	04/09/05	831	115			
	05/04/05	818	181			
	5/10/2005	595	413			
	6/9/2005	253	1180			
	6/28/2005	210	1250			
	07/06/2005	212	779			
	8/8/2005	270	322			
	8/10/05	325	286			
	9/14/05	501	131			
	9/15/2005	561	124			
	10/13/05	515	216			
	11/2/2005	681	131			
	12/12/2005	798	71			
	12/20/05	825	66			

	3/7/06	980	87	
	4/5/06	980	114	
	4/19/2006	780	229	
	5/10/06	460	342	
	5/24/2006	234	1430	
	6/6/06	238	1260	
	7/12/06	370	334	
	8/2/06	352	301	
	9/6/06	604	138	
	9/27/2006	531	214	
	10/11/06	350	548	
	10/31/2006	638	178	
	11/01/2006	655	167	
	12/5/06	835	88	
	1/11/07	965	61	
	4/2/07	796	104	
	4/16/2007	782	150	
	05/11/2007	355	763	
	5/16/2007	266	1140	
	07/11/2007	310	371	
	7/18/2007	375	279	
	8/6/2007	290	655	
	09/05/2007	570	148	
	10/25/2007	567	203	
	11/6/2007	771	130	
	11/07/2007	721	119	
	12/5/2007	787	69	
	05/07/08	508	464	
	5/7/2008	387	464	
	5/14/2008	541	357	
	6/3/2008	198	1960	
	07/09/08	239	798	
	8/5/2008	340	298	
	8/14/2008	435	197	
	09/03/08	505	181	
	10/6/2008	696	112	
	11/7/2008	1047	85	
	12/2/2008	833	66	
	12/3/2008	812	65	
	4/29/2009	501	543	
	5/13/2009	147	2090	
	5/18/2009	133	1750	
	6/12/2009	254	521	
	6/16/2009	249	626	
	7/8/2009	260	508	
	7/14/2009	313	363	
	7/21/2009	338	235	

	8/12/2009	533	109	
	8/18/2009	636	105	
	9/9/2009	650	95	
	9/16/2009	595	116	
	9/22/2009	617	114	
	10/5/2009	611	103	
	11/4/2009	802	73	
	11/5/2009	771	72	
	11/13/2009	844	71	
	11/17/2009	1120	68	
	12/1/2009	769	58	
	2/17/2010	1110	61	
	3/17/2010	1200	68	
	4/13/2010	850	171	
	5/4/2010	597	215	
	6/2/2010	206	1520	
	6/9/2010	164	1590	
	7/8/2010	356	232	
	7/13/2010	392	199	
	8/10/2010	436	202	
	9/14/2010	719	98	
	10/4/2010	629	99	
	11/2/2010	750	99	
	11/3/2010	584	102	
	12/7/2010	672	71	

Annual Dis Zn and Flow at A72



Annual
85th

Annual
Discharge (cfs)

502
592
534
580
445
512
584
708
648
737
610
719
602
621

236.6
331.4
253.3
388.7
249.3
408.1
259.6
342.4
209.4
276.5

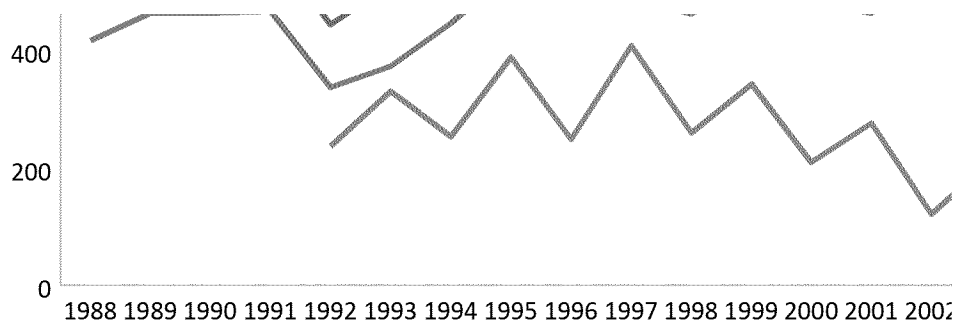
1200
1000
800
600

Dis Zn (ug/l)

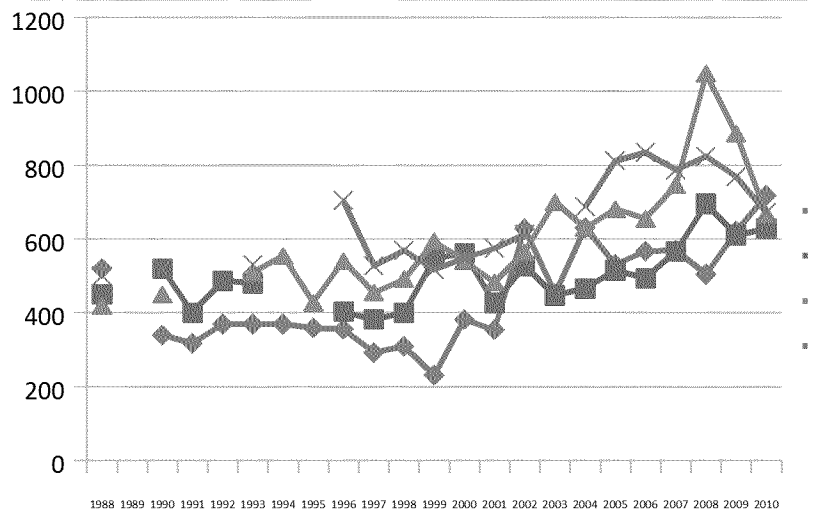
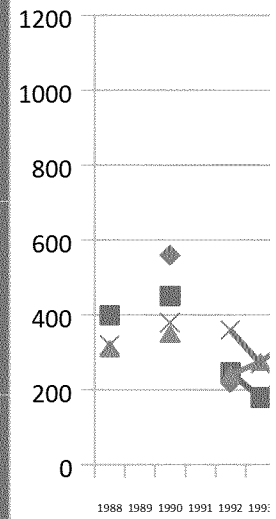
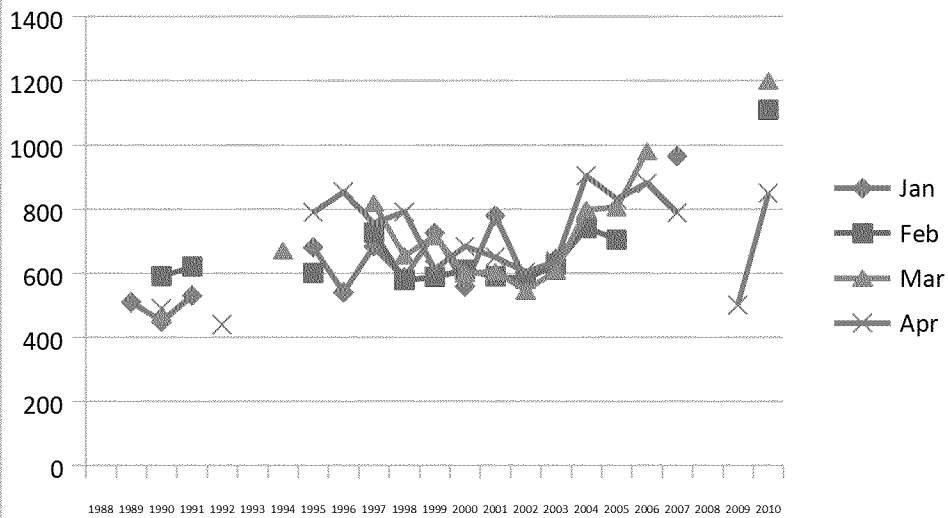
Annual Dis Zn and Flo

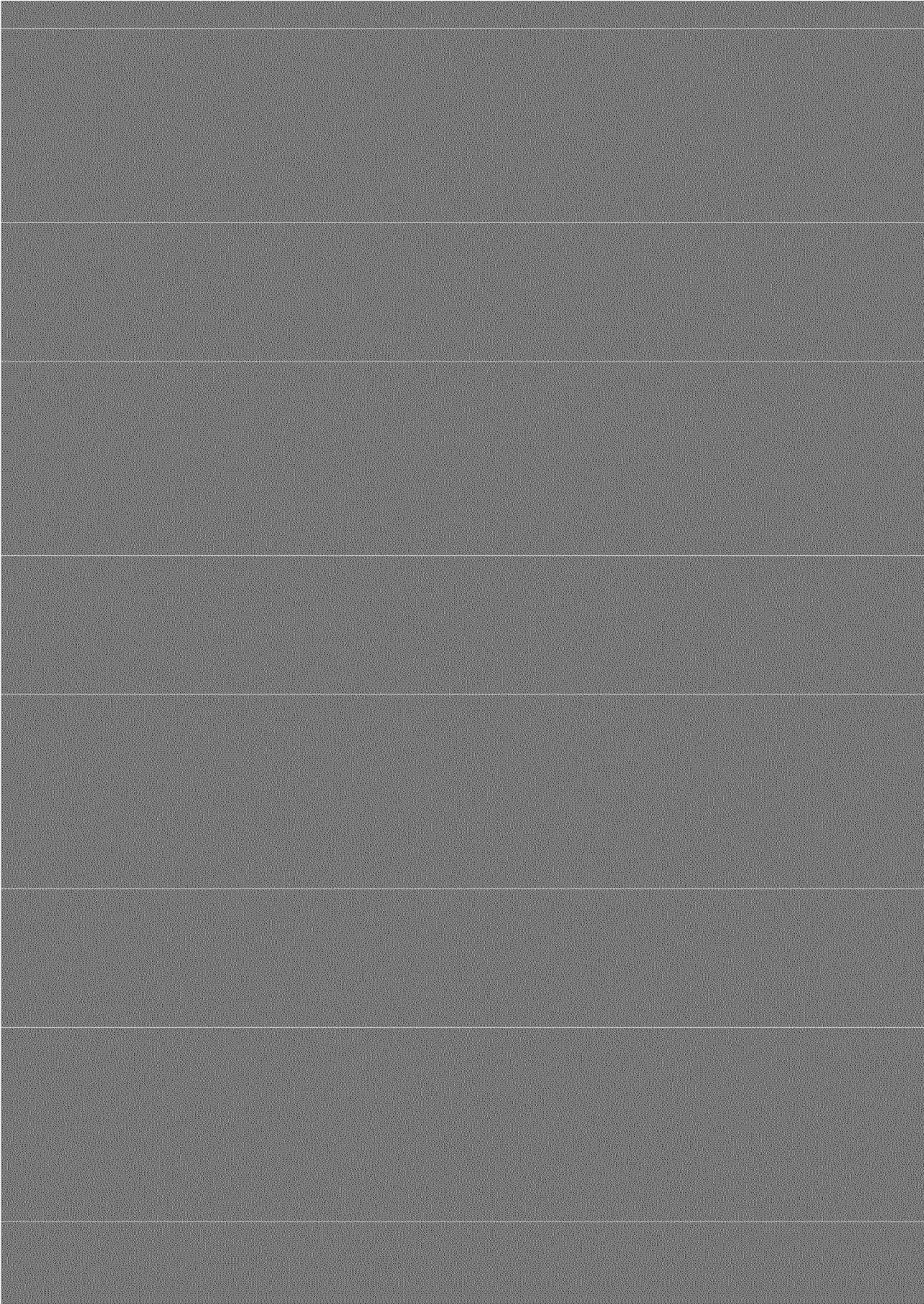


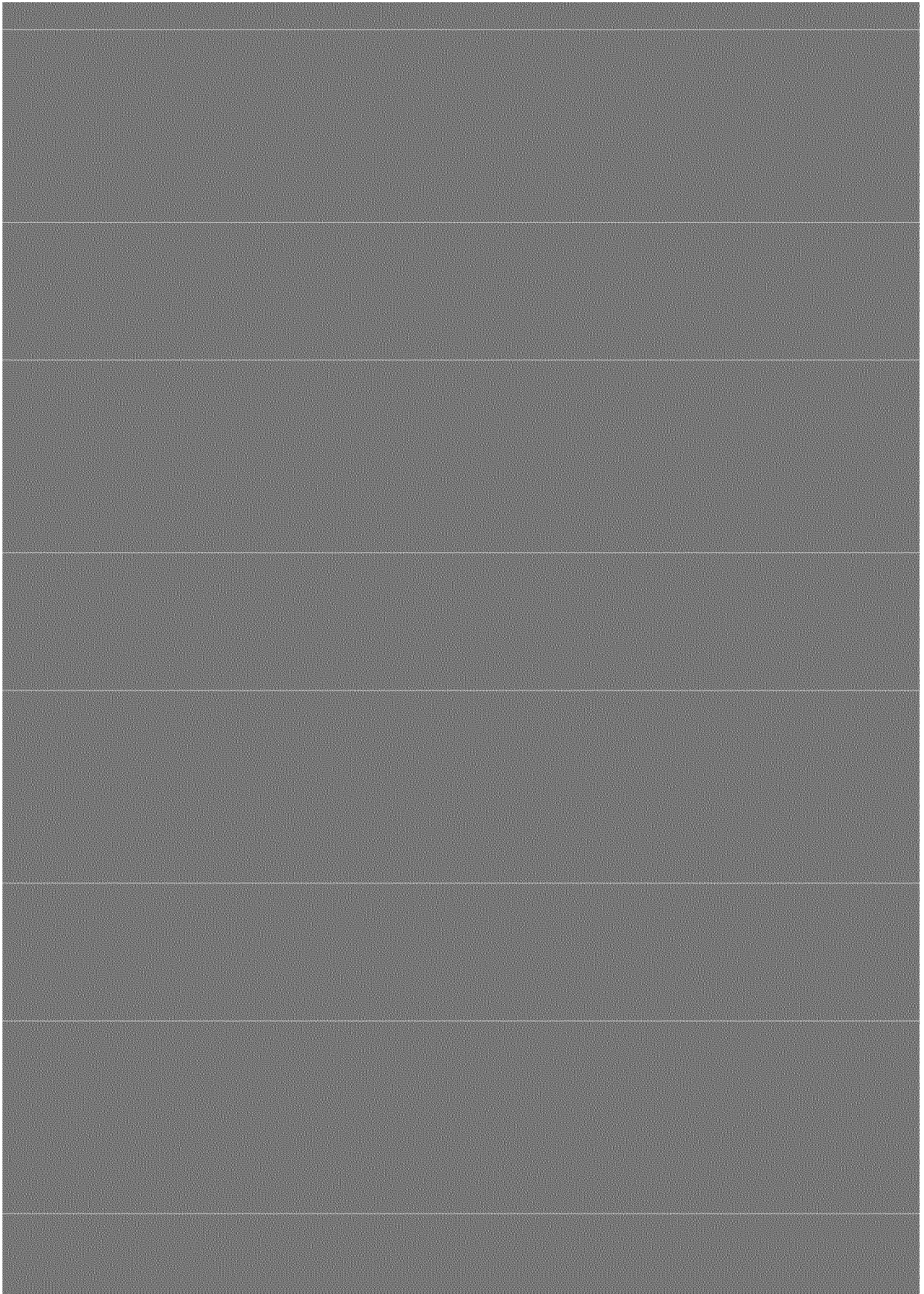
607 121.4
 635 213.6
 767 264.2
 808 335.9
 864 273.3
 789 305.5
 817 314.1
 739 271.3
 980 245.5

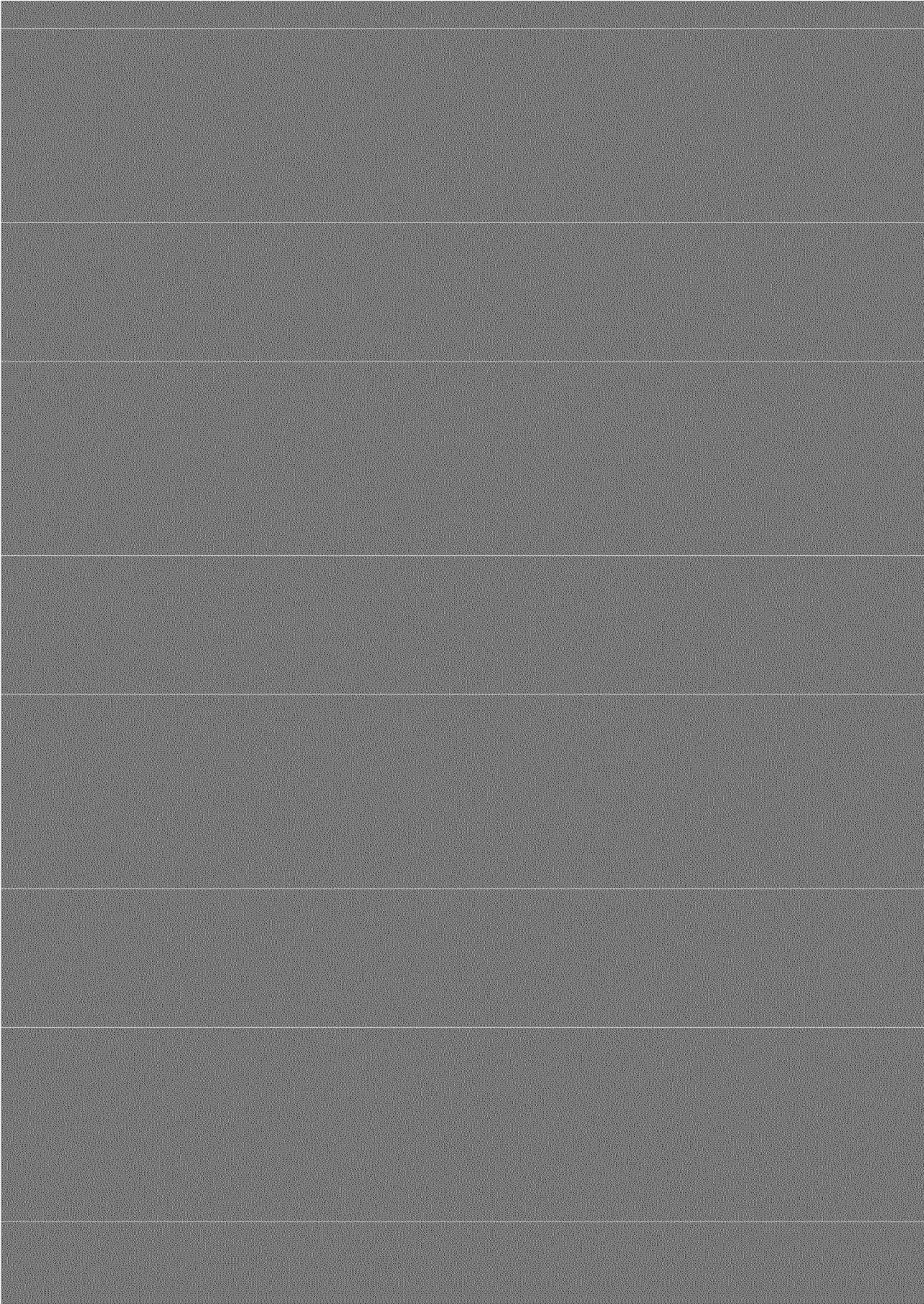


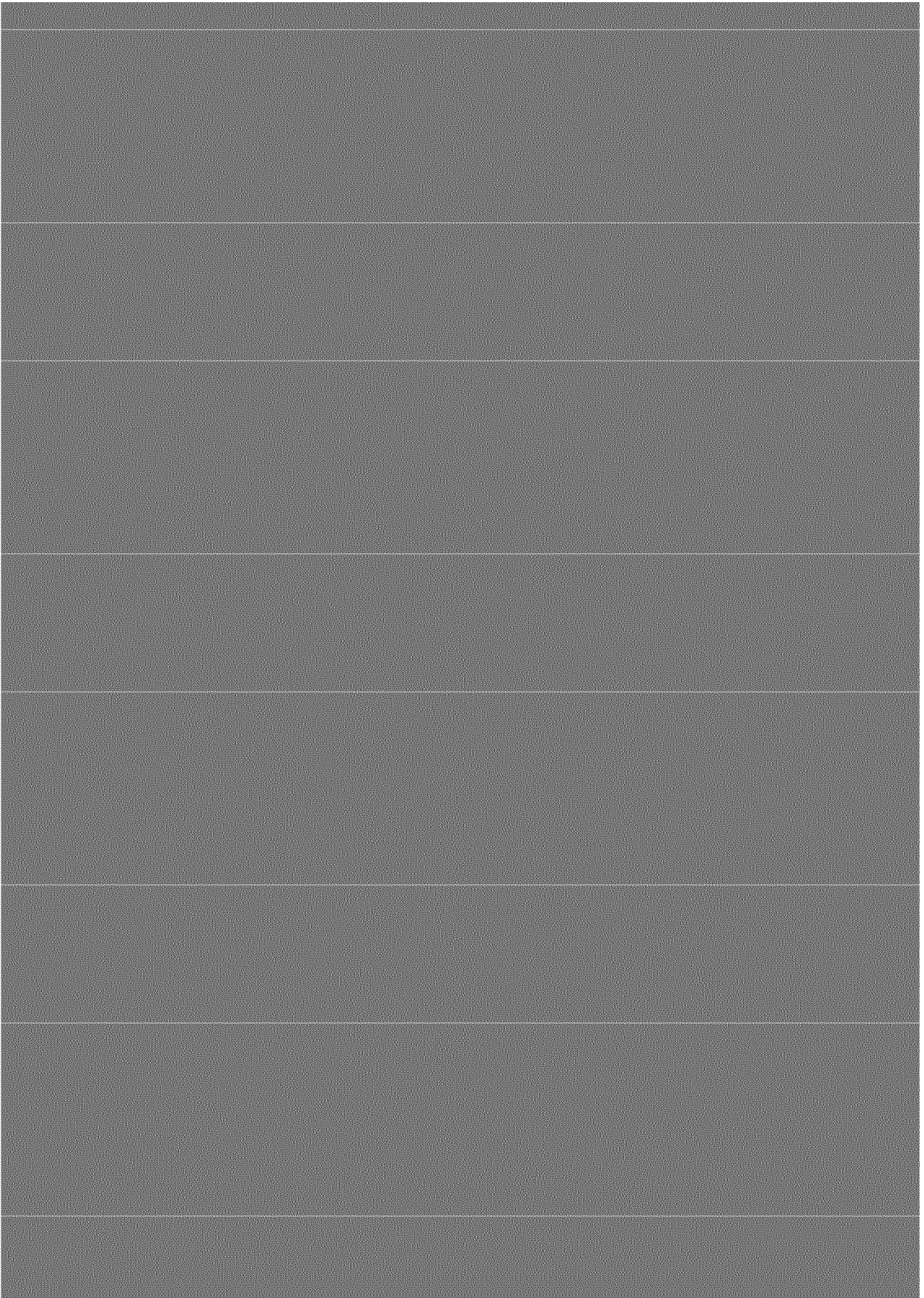
Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
			400	310	320	520	450	420	500	
	470	490	560	450	350	380	340	520	450	520
							318	400		
		440	220	247	240	360	370	487		
				180	275	270	370	480	510	530
670		505	250	330			370		555	
	790		350				360		428	
	853	270	280	325	437	357	403	541	705	
818	756	452	271	219	267	293	383	455	528	
654	791	444	219	223	290	310	400	491	570	
715	611	1013	219	180	253	232	547	594	518	
598	683	304	244	382	387	383	562	541	548	
605	650	383	220	212	292	355	427	483	575	
545	603	322	264	399	493	628	527	565	613	
607	638	464	229	310	308	452	448	700		
798	904	388	235	292	459	631	467	630	687	
805	831	706	231	212	297	531	515	681	812	
980	880	347	238	370	352	567	494	655	835	
	789	311		342	290	570	567	746	787	
		479	198	239	387	505	696	1047	823	
	501	147	254	299	585	621	611	885	769	
1200	850	597	185	374	436	719	629	667	672	
620	570	430	250	170	240	290	340	380	420	
13	17	18	20	20	19	22	20	20	17	
32	26	-1	-65	10	40	98	85	131	82	
16.39105	24.27619	26.40076	30.82207	30.82207	28.58321	35.46360	30.82207	30.82207	24.27619	
1.89128	1.02982	0	-2.07643	0.29200	1.36444	2.73520	2.72532	4.21776	3.33660	
94.1%	69.7%	0.0%	96.2%	23.0%	82.8%	99.4%	99.4%	100.0%	99.9%	



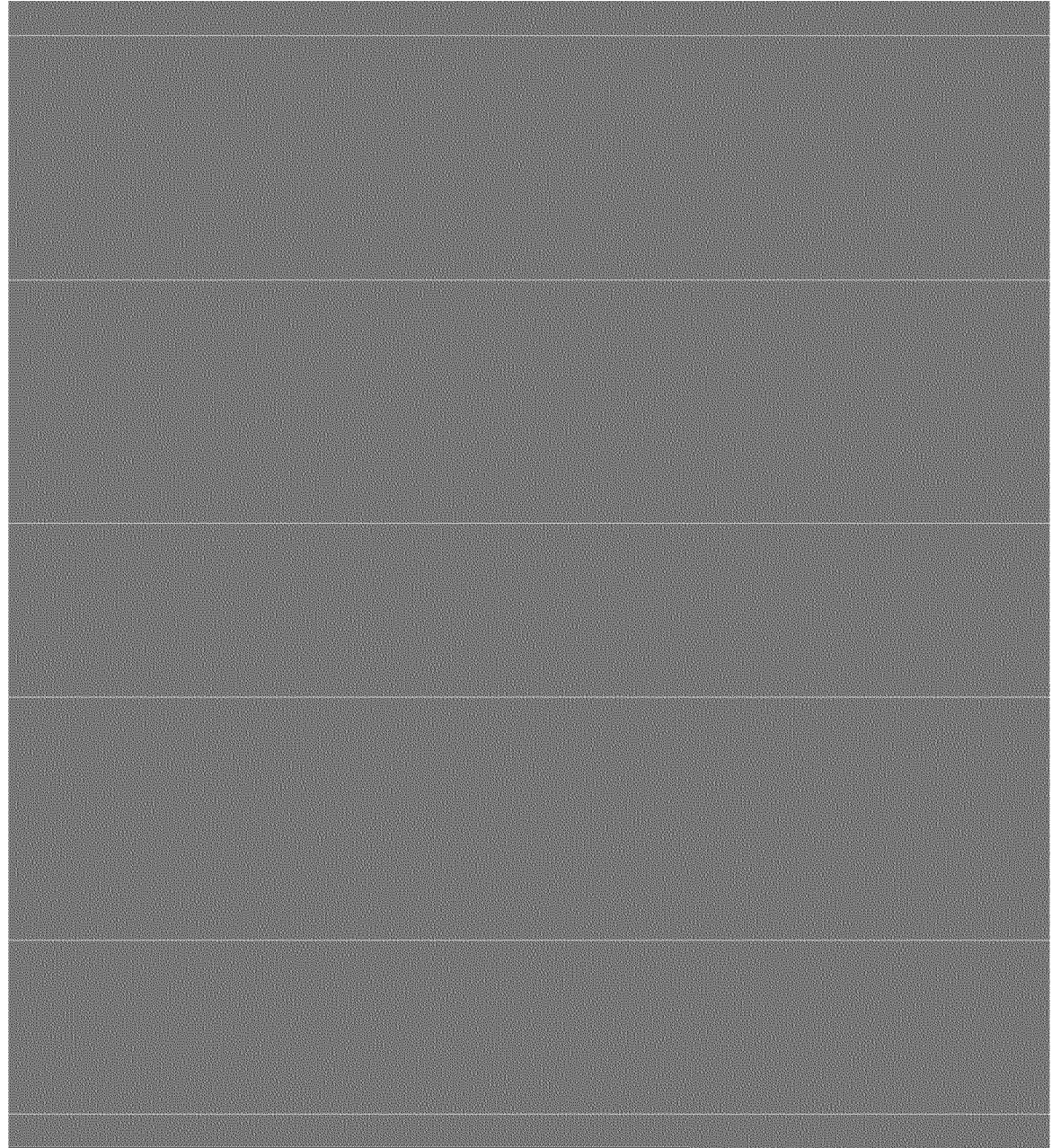




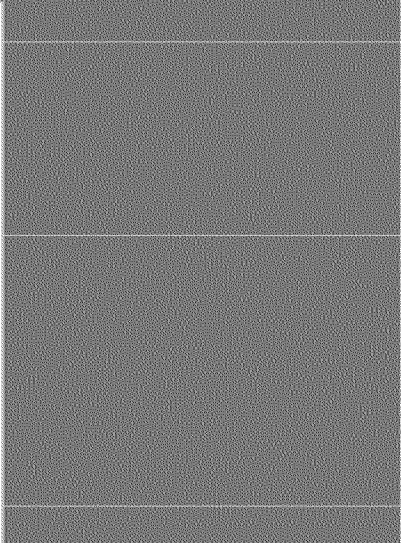
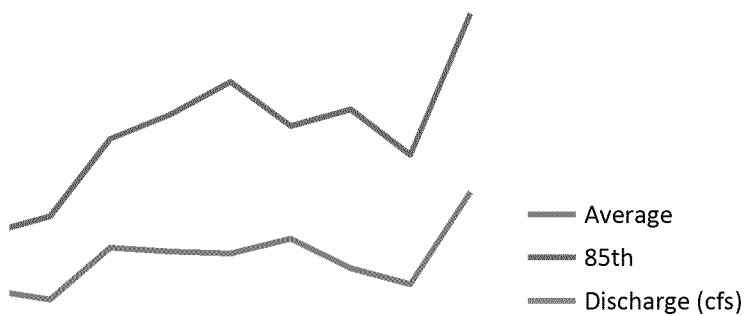


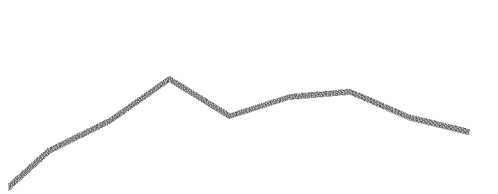




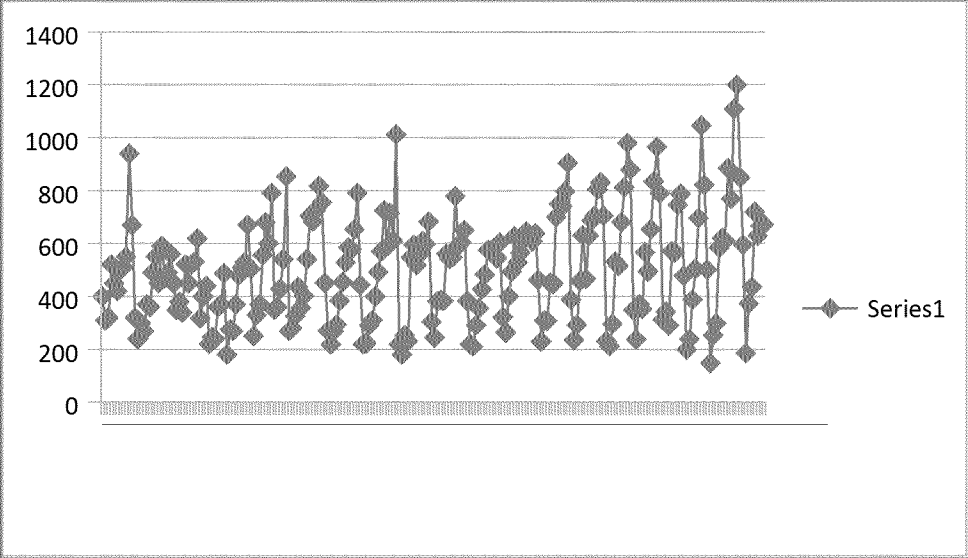


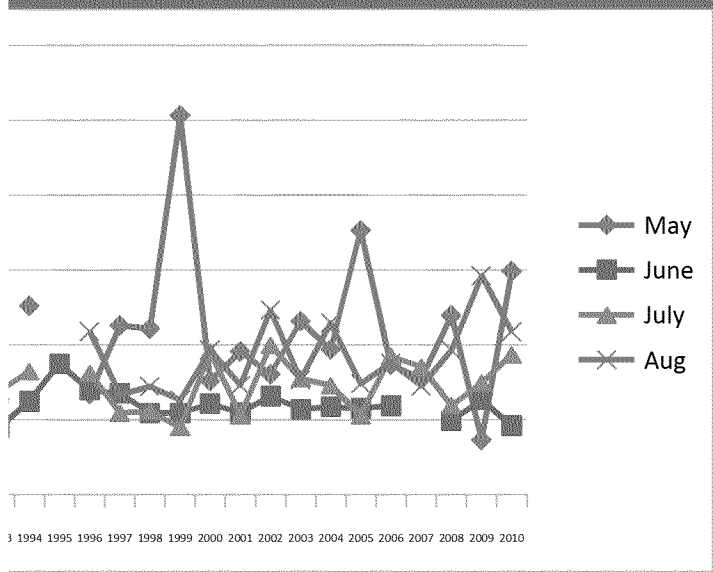
w at A72



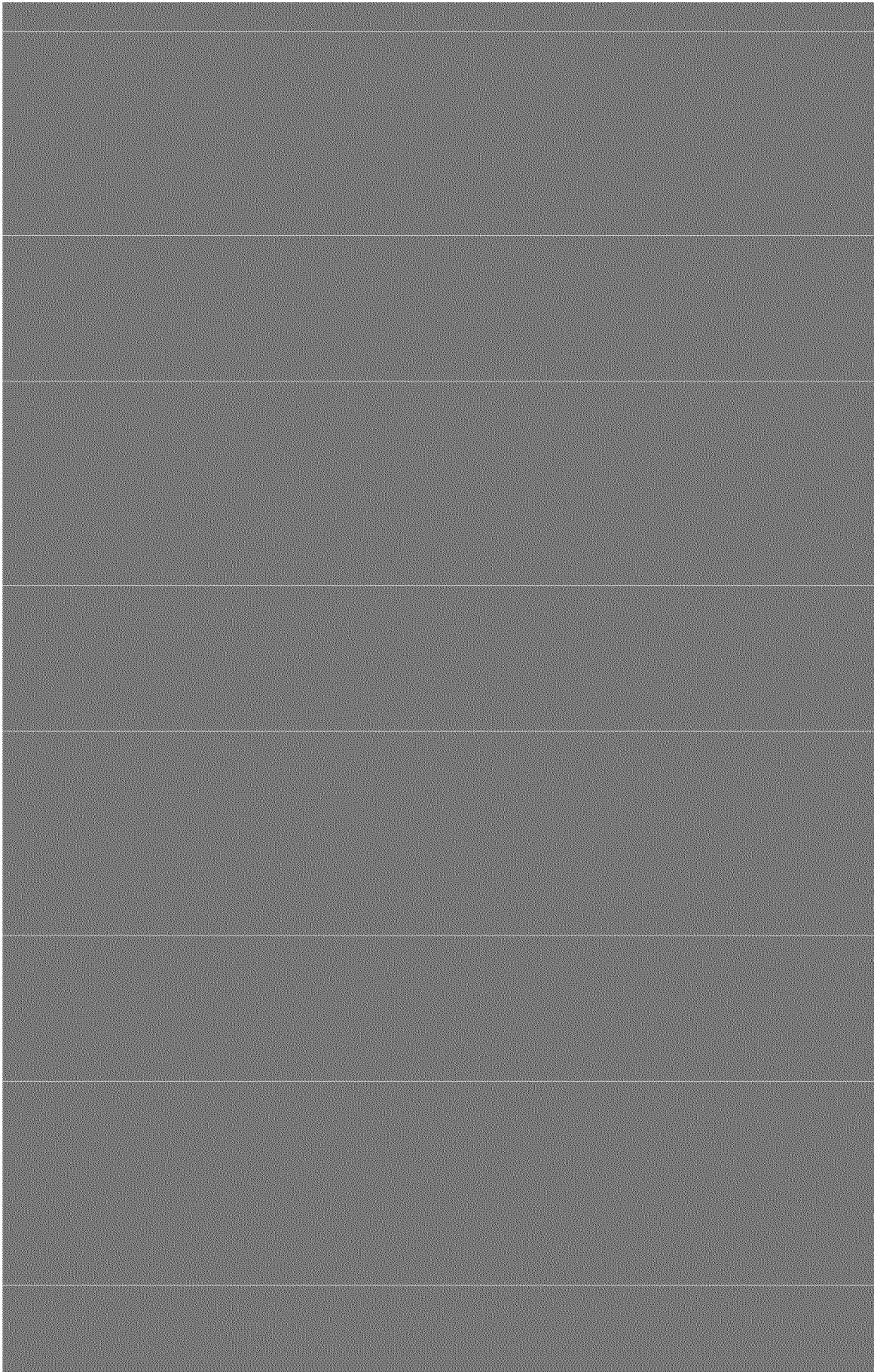


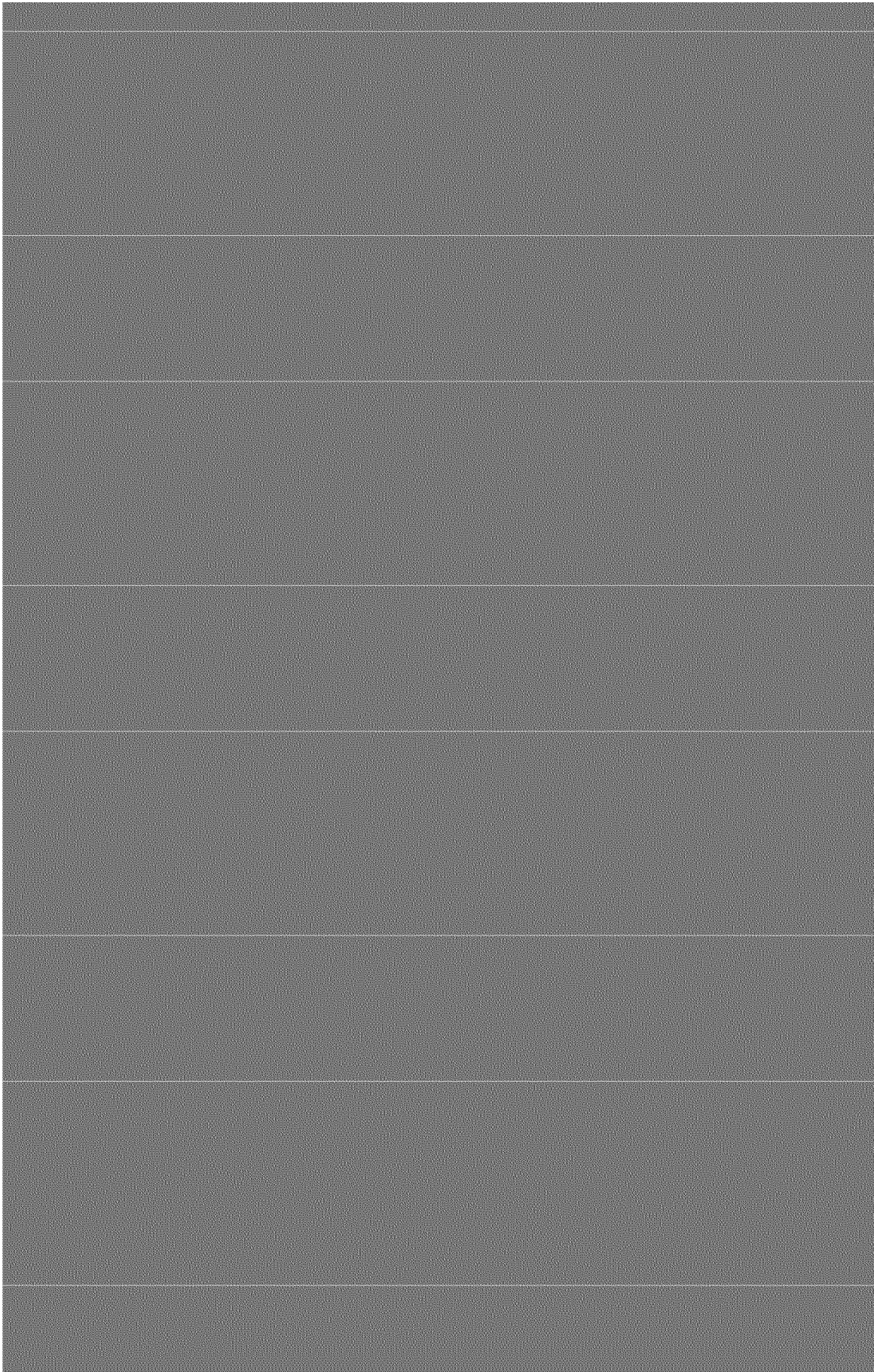
2 2003 2004 2005 2006 2007 2008 2009 2010

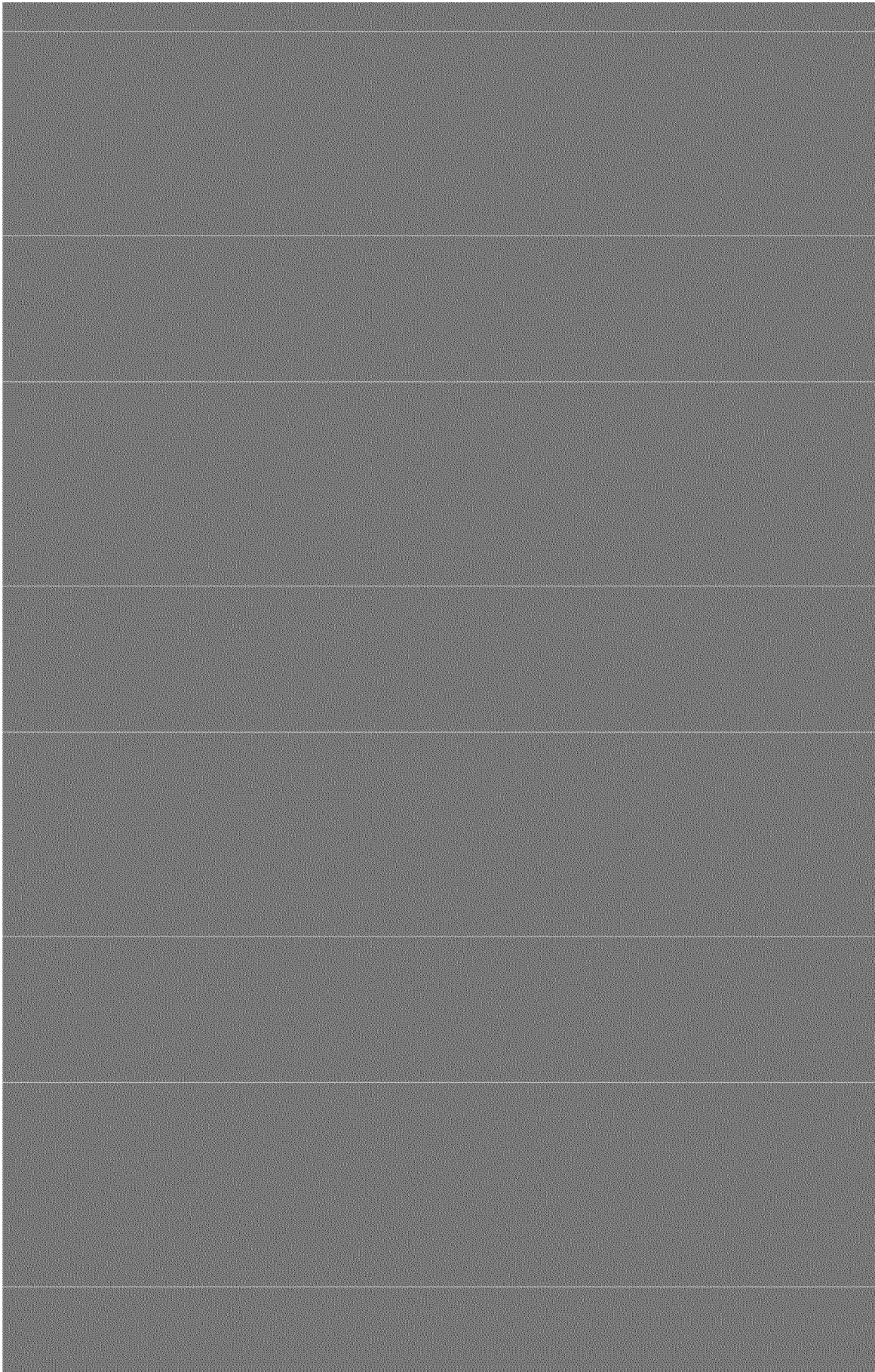


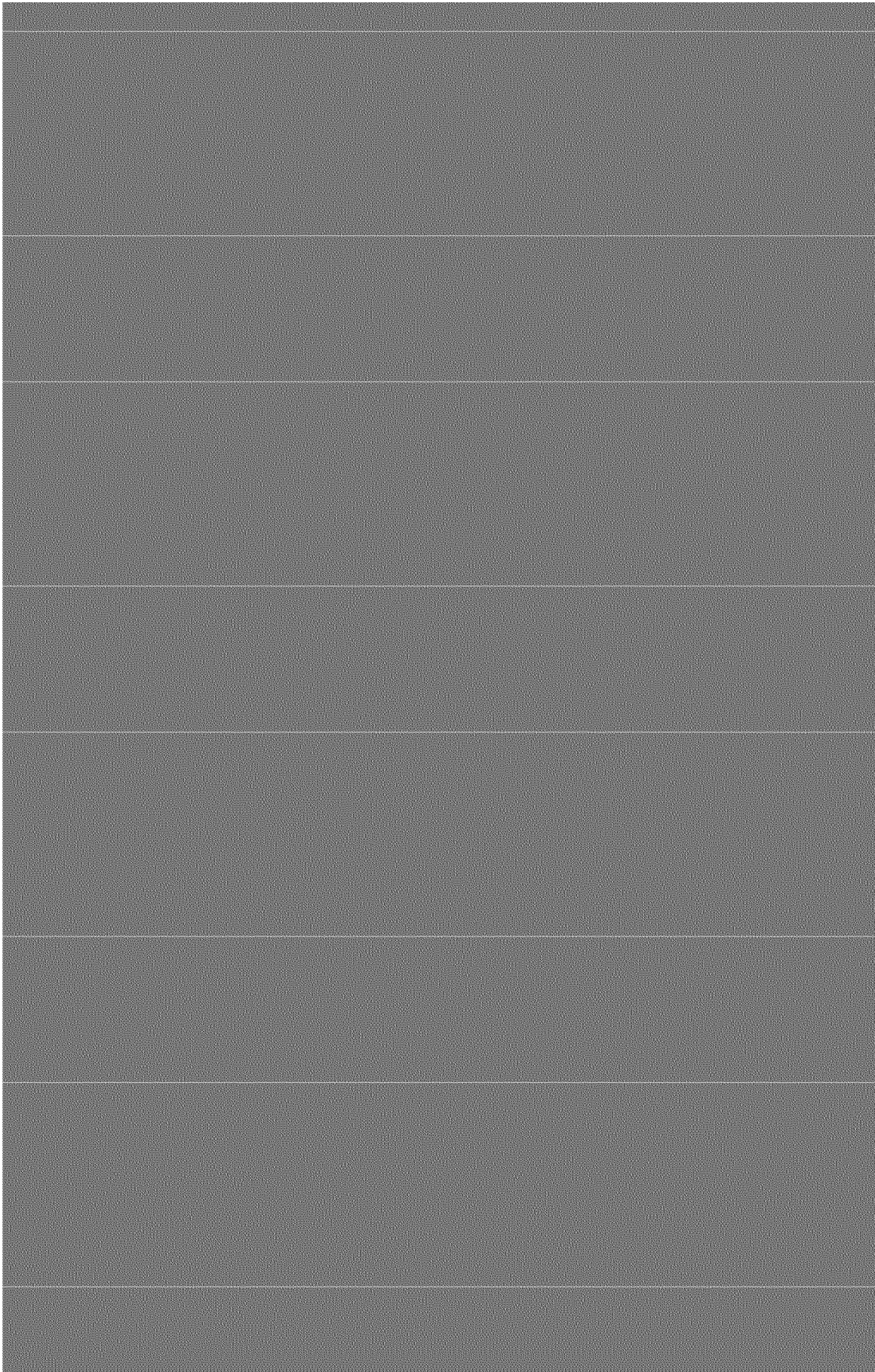


- Sept
- Oct
- Nov
- Dec











00060, Discharge, cubic feet per second,							
YEAR	Monthly mean in ft3/s (Calculation Period: 1991-10-01 -> 2014-10-31)						
	Period-of-record for statistical calculation restricted by user						
	Jan	Feb	Mar	Apr	May	Jun	Jul
1991							
1992	40.2	46.1	59.7	180.1	661.6	859.3	433.1
1993	49.5	49	62.9	121.9	834.5	1,480	664.8
1994	65.9	57.6	74.3	182.4	641.5	1,154	224.5
1995	78.6	85.6	104.9	124.5	301.4	1,555	1,393
1996	73.9	74.6	67	192.4	1,002	741.3	244.5
1997	63.1	62.5	90	145.5	753.4	1,647	836.4
1998	79.8	64.9	80	138.7	582.2	934.8	579
1999	56.6	54.4	64.4	137.9	506.6	1,439	694.4
2000	55.8	42.6	49.1	216.1	774.3	650.1	174
2001	68.4	49.4	56.5	175.7	996.5	1,054	401
2002	49.5	46.9	57.9	178.2	341.4	231.7	83
2003	56.2	40.9	49.6	137.6	814.8	660.6	202.2
2004	45	46.3	116	200.4	774.9	876.3	364.4
2005	79.8	79.4	86.7	186.7	968.8	1,262	590.5
2006	66	63.5	82.3	234.1	789.3	739.9	270.7
2007	60.5	58.5	105.1	175.3	792.8	1,173	373.5
2008	72.7	73.1	78.1	186.7	630.8	1,467	671.4
2009	75.3	58.3	105.3	246.8	1,185	757.1	371.1
2010	70.2	61.8	67.2	210.4	731.3	972.8	226.9
2011	64.8	56	56.3	141.9	376.7	1,599	763.9
2012	62.4	61.4	106	298.3	625.9	369.6	136.3
2013	42.2	43.3	55	125.1	627.2	400	148.2
2014	62.2	57.3	68.7	216	679.6	1,338	464.5
Mean of monthly Discharge	63	58	76	181	713	1,020	448

Monthly Mean Flow

	Jan	Feb	Mar	Apr	May	Jun	Jul
1991-mid 1996	62	63	74	160	688	1158	679
1998-2001	65	53	63	167	715	1019	462
2007-2011	69	62	82	192	743	1194	481
2012-2014	56	54	77	213	644	703	250

cubic feet per second, n Period: 1991-10-01 -> 2014-10-31)					
I calculation restricted by user					
	Aug	Sep	Oct	Nov	Dec
			82	70.9	52.5
	201.5	133.4	83.9	79.7	58.7
	271.5	187.9	102.5	78.6	63.8
	119.4	183.8	157.4	99.1	80.2
	519.6	209.3	124.9	83.4	69
	115.5	129.3	175.3	98.3	72.5
	457.1	330.7	269.9	135.5	92.9
	192.4	137.8	126.6	112.5	77
	507	335.9	142.8	90.3	73
	125.8	135.8	126.9	88.7	70.5
	232.7	97.5	75.8	46.9	50.3
	70.5	132.4	121.8	82.3	58.8
	145.5	217.4	104.2	72.2	53.1
	112.8	269.7	171.9	106.8	85.2
	239	135.8	225	94.4	68
	229	172.2	424.2	118.7	75.2
	280.4	237	227.2	99.2	74.9
	213.3	140	99.1	76	65.3
	116.6	102.4	86.1	67.9	65.9
	217.5	109.2	115.1	91.4	67.4
	187.5	128.8	122.4	86.7	66.3
	112.5	83.5	63.6	51.5	46.3
	216.4	313.2	180	105.6	78.5
	192.2	211.6	232.6		
	221	180	152	89	68

86566
 120959
 92451
 141896
 91200
 148958
 94758
 125005
 76582
 100923
 44321
 77973
 96669
 122582
 99763
 111519
 114890
 99023
 89608
 111035
 61549
 71302

Aug	Sep	Oct	Nov	Dec
278	179	110	82	65
264	177	118	85	68
203	143	130	84	68
174	203	159	79	62

109744
 99317
 105215
 81469

 1675
 952

0.77431

 0.56843

A72

DATE HARD_MG CA_DIS_MG MG_DIS_MG
as CaCO3=

Jan. Feb Mar Apr
Hardness Hardness Hardness Hardness

01/05/88	200	-9.0	-9.0
02/10/88	200	-9.0	-9.0
03/01/88	200	-9.0	-9.0
04/07/88	150	-9.0	-9.0
05/04/88	110	-9.0	-9.0
06/09/88	54	-9.0	-9.0
07/19/88	95	-9.0	-9.0
08/09/88	100	-9.0	-9.0
09/26/88	120	-9.0	-9.0
10/06/88	130	-9.0	-9.0
11/08/88	160	-9.0	-9.0
12/08/88	180	-9.0	-9.0
01/05/89	180	-9.0	-9.0
02/14/89	180	-9.0	-9.0
03/07/89	190	-9.0	-9.0
04/24/89	87	-9.0	-9.0
05/30/89	58	-9.0	-9.0
06/29/89	75	-9.0	-9.0
07/24/89	110	-9.0	-9.0
08/02/89	89	-9.0	-9.0
09/04/89	150	-9.0	-9.0
10/05/89	150	-9.0	-9.0
11/02/89	170	-9.0	-9.0
12/13/89	200	-9.0	-9.0
01/10/90	200	-9.0	-9.0
02/06/90	210	-9.0	-9.0
03/05/90	190	-9.0	-9.0
04/19/90	150	-9.0	-9.0
05/02/90	150	-9.0	-9.0
06/14/90	57	-9.0	-9.0
07/12/90	81	-9.0	-9.0
08/01/90	120	-9.0	-9.0
09/04/90	140	-9.0	-9.0
10/08/90	110	-9.0	-9.0
11/07/90	130	-9.0	-9.0
12/17/90	150	-9.0	-9.0
01/16/91	180	-9.0	-9.0
02/18/91	200	-9.0	-9.0
09/05/91	184	-9.0	-9.0

180	200	320	96
340			213
134.28			180

COLOR CODE:

1991

All red font are averages of s

09/06/91	134	-9.0	-9.0
09/07/91	109	-9.0	-9.0
09/09/91	-5	-9.0	-9.0
09/10/91	104	-9.0	-9.0
10/21/91	250	-9.0	-9.0
04/30/92	96	-9.0	-9.0
05/26/92	81	-9.0	-9.0
06/23/92	69	-9.0	-9.0
06/24/92	61	-9.0	-9.0
06/25/92	72	-9.0	-9.0
06/25/92	73	-9.0	-9.0
07/23/92	100	-9.0	-9.0
08/19/92	180	-9.0	-9.0
09/24/92	210	-9.0	-9.0
10/14/92	-9	-9.0	-9.0
10/15/92	256	-9.0	-9.0
10/22/92	260	-9.0	-9.0
06/15/93	39	-9.0	-9.0
07/20/93	93	-9.0	-9.0
07/21/93	91	-9.0	-9.0
08/23/93	150	-9.0	-9.0
09/28/93	220	-9.0	-9.0
10/26/93	240	-9.0	-9.0
11/10/93	270	100.0	5.4
11/29/93	260	-9.0	-9.0
12/29/93	330	-9.0	-9.0
03/29/94	320	-9.0	-9.0
05/16/94	87	-9.0	-9.0
05/18/94	73	26.0	1.9
06/02/94	53	19.0	1.3
06/27/94	76	-9.0	-9.0
07/18/94	150	-9.0	-9.0
07/26/94	160	59.0	3.3
09/28/94	200	-9.0	-9.0
11/09/94	230	84.0	4.6
11/09/94	-9	-9.0	-9.0
11/09/94	-9	-9.0	-9.0
11/09/94	-9	-9.0	-9.0
01/18/95	340	-9.0	-9.0
02/07/95	-9.00	-9.0	-9.0
02/07/95	-9.00	-9.0	-9.0
04/12/95	210	76.0	4.4
04/12/95	215	-9.0	-9.0
06/21/95	-9	-9.0	-9.0
06/21/95	60	-9.0	-9.0
09/06/95	-9	-9.0	-9.0
11/29/95	-9	-9.0	-9.0

11/29/95	270	99.0	5.3	
01/16/96	134.28	110.0	5.9	
04/09/96	-9	-9.0	-9.0	
04/09/96	180	66.0	3.9	
04/09/96	180	66.0	3.9	
04/09/96	-9	-9.0	-9.0	
05/22/96	48	17.0	1.3	
06/18/96	57.30	-9.0	-9.0	
07/16/96	135.00	-9.0	-9.0	
07/16/96	124.00	-9.0	-9.0	
8/14/1996	209.0	-9.0	-9.0	
8/14/1996	231.0	-9.0	-9.0	
08/14/96	190	69.0	4.1	
09/27/96	190.00	-9.0	-9.0	
09/27/96	179.00	-9.0	-9.0	
10/01/96	186	67.7		
10/18/1996	164.0	-9.0	-9.0	
10/18/1996	174.0	-9.0	-9.0	
11/7/1996	-9.0	-9.0	-9.0	
11/7/1996	233.0	-9.0	-9.0	
11/19/96		75.1	4.5	
11/19/1996	210	77.0	4.3	
12/13/1996	264.0	-9.0	-9.0	
12/13/1996	266.0	-9.0	-9.0	
01/08/97	275.00	-9.0	-9.0	
01/08/97	269.00	-9.0	-9.0	
01/08/97		85.4	5.3	
01/31/97		105.3	6.3	
2/5/1997	270.0	-9.0	-9.0	
2/5/1997	268.0	-9.0	-9.0	
02/26/97		113.4	6.8	
02/26/97		108.3	6.6	
03/05/97	344.00	-9.0	-9.0	
03/05/97	-9.00	-9.0	-9.0	
03/05/97	325.00	-9.0	-9.0	
03/05/97	-9.00	-9.0	-9.0	
03/26/97		72.3	4.6	
4/11/1997	-9.0	-9.0	-9.0	
4/11/1997	235.0	-9.0	-9.0	
4/11/1997	-9.0	-9.0	-9.0	
4/11/1997	250.0	-9.0	-9.0	
04/28/97		50.4	3.4	
4/28/1997	147.8	53.3	3.555	
05/06/97	112.00	-9.0	-9.0	
05/06/97	-9.00	-9.0	-9.0	
05/06/97	110.00	-9.0	-9.0	
05/06/97	-9.00	-9.0	-9.0	

05/13/97		26.0	2.0																																																	
05/20/97		21.3	1.6																																																	
05/28/97		28.9	2.1																																																	
06/04/97		16.5	1.3																																																	
6/10/1997	67.5	-9.0	-9.0																																																	
6/10/1997	60.5	-9.0	-9.0																																																	
06/12/97		20.0	1.5																																																	
06/16/97		21.2	1.6																																																	
6/16/1997	59.15	21.2	1.516																																																	
06/25/97		21.4	1.6																																																	
07/01/97		19.9	1.4																																																	
07/09/97	58.50	-9.0	-9.0																																																	
07/09/97	85.00	-9.0	-9.0																																																	
07/14/97		24.5	1.7																																																	
07/31/97		24.5	1.8																																																	
8/13/1997	90.0	-9.0	-9.0																																																	
8/13/1997	102.0	-9.0	-9.0																																																	
08/13/97		33.0	2.3																																																	
8/13/1997	92.17	33.1	2.333																																																	
09/10/97	115.00	-9.0	-9.0																																																	
09/10/97	164.00	-9.0	-9.0																																																	
09/25/97		35.4	2.5																																																	
10/8/1997	146.0	-9.0	-9.0																																																	
10/8/1997	128.0	-9.0	-9.0																																																	
10/22/97		51.3	3.2																																																	
10/22/1997	142.7	51.9	3.206																																																	
11/12/97	206.00	-9.0	-9.0																																																	
11/12/97	184.00	-9.0	-9.0																																																	
11/25/97		76.1	4.6																																																	
12/3/1997	226.0	-9.0	-9.0																																																	
12/3/1997	240.0	-9.0	-9.0																																																	
12/23/97		85.2	5.3																																																	
01/07/98	292.00	-9.0	-9.0	<table><tr><td>Jan.</td><td>Feb</td><td>Mar</td><td>Apr</td></tr><tr><td>Hardness</td><td>Hardness</td><td>Hardness</td><td>Hardness</td></tr><tr><td>281</td><td>295</td><td>296</td><td>265</td></tr><tr><td>307</td><td>273</td><td>264</td><td>191</td></tr><tr><td>290</td><td>359</td><td>290</td><td>230</td></tr><tr><td>324</td><td>290</td><td>292</td><td>217</td></tr><tr><td></td><td>331</td><td>307</td><td>189</td></tr><tr><td></td><td>313</td><td>298</td><td>264</td></tr><tr><td></td><td></td><td></td><td>161.9</td></tr><tr><td></td><td></td><td></td><td>146</td></tr><tr><td></td><td></td><td></td><td>252</td></tr><tr><td></td><td></td><td></td><td>114</td></tr></table>	Jan.	Feb	Mar	Apr	Hardness	Hardness	Hardness	Hardness	281	295	296	265	307	273	264	191	290	359	290	230	324	290	292	217		331	307	189		313	298	264				161.9				146				252				114
Jan.	Feb	Mar	Apr																																																	
Hardness	Hardness	Hardness	Hardness																																																	
281	295	296	265																																																	
307	273	264	191																																																	
290	359	290	230																																																	
324	290	292	217																																																	
	331	307	189																																																	
	313	298	264																																																	
			161.9																																																	
			146																																																	
			252																																																	
			114																																																	
01/07/98	270.00	-9.0	-9.0																																																	
2/4/1998	294.0	-9.0	-9.0																																																	
2/4/1998	296.0	-9.0	-9.0																																																	
02/13/98	273	99.1	6.3																																																	
03/04/98	316	116.0	6.4																																																	
03/04/98	276	100.0	6.3																																																	
03/16/98	264	96.1	5.9																																																	
04/08/98	271	99.4	5.6																																																	
04/08/98																																																				
04/08/98	259																																																			
04/08/98																																																				
04/23/98	191	69.3	4.4																																																	
05/05/98	110	40.0	2.5																																																	
5/5/1998	102.9	37.1	2.518																																																	

05/07/98	153		
05/07/98	122		
05/29/98	62	22.1	1.5
06/02/98	62	22.3	1.5
6/2/1998	54.47	19.4	1.435
06/10/98	89	31.9	2.2
06/10/98	75	27.0	1.8
06/10/98	73	26.4	1.8
06/25/98	61	22.0	1.5
07/01/98	70		
07/01/98	61		
07/09/98	70	25.2	1.8
07/22/98	99	35.8	2.4
7/22/1998	101.1	36.4	2.507
08/05/98	150		
08/05/98	129		
9/2/1998	147	53.1	3.4
9/2/1998	147	53.1	3.4
09/09/98	185		
09/09/98	183		
09/30/98	202	73.0	4.6
10/07/98	205	64.6	4.2
10/07/98	179	74.3	4.6
11/10/98	243		
11/10/98	213	77.4	4.7
11/13/1998	205.5	74.6	4.658
12/02/98	174	61.5	4.8
12/02/98	230	83.3	5.4
01/06/99	301		
01/06/99	312		
02/04/99	393		
02/04/99	324		
02/19/99	290	105.6	6.2
03/03/99	269		
03/03/99	310		
04/07/99	226		
04/07/99	234		
4/8/1999	216.8	79.0	4.721
04/30/99	189	68.7	4.4
05/06/99	228		
05/06/99	229		
6/3/1999	64.52	23.0	1.717
06/09/99	60		
06/09/99	54		
6/23/1999	54.2	19.3	1.5
07/07/99	60		
07/07/99	62		

COLOR CODE:

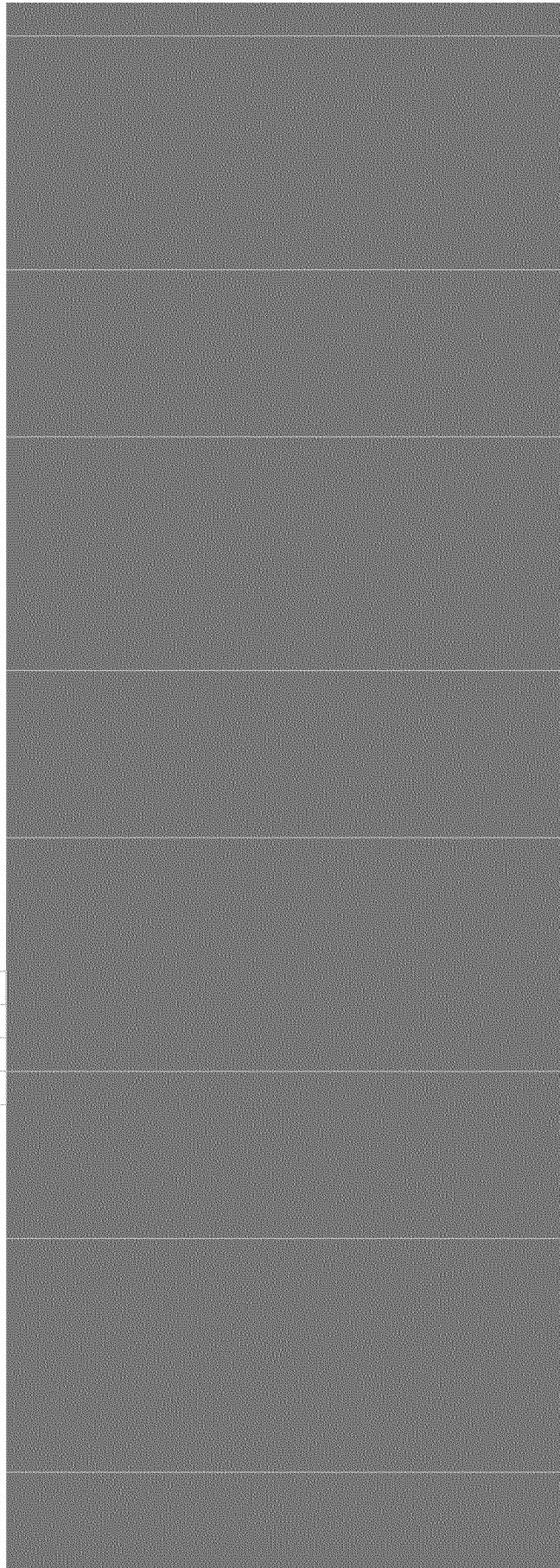
1998

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08/04/99	85			
08/04/99	85			
08/19/99	91	32.4	2.3	
8/26/1999	108.2	38.7	2.809	
09/01/99	92			
09/01/99	89			
10/06/99	189			
10/06/99				
11/03/99	250			
11/03/99	240			
11/30/1999	256.1	93.2	5.691	
12/01/99	279			
12/01/99	277			
01/05/00	290			
01/05/00	ND			
02/02/00	363			
02/02/00	298			
03/01/00	289			
03/01/00	295			
04/05/00	271			
04/05/00	256			
4/13/2000	161.9	58.3	3.9707	
4/25/2000	146	52.6	3.5	
05/03/00	91			
05/03/00	80			
5/24/2000	48.72	17.3	1.3131	
6/1/2000	57	20.2	1.5	
06/07/00	64			
06/07/00	67			
6/29/2000	117	42.1	2.9	
07/05/00	141			
07/05/00	149			
7/19/2000	152	54.7	3.6	
08/02/00	185			
08/02/00	203			
8/9/2000	213.8	77.7	4.8165	
8/18/2000	214	77.9	4.8	
09/06/00	184			
09/06/00	197			
9/16/2000	200	72.6	4.6	
10/04/00	221			
10/04/00	231			
11/01/00	222			
11/01/00	228			
11/7/2000	238.3	86.8	5.2464	
12/1/2000	271	98.8	5.81	
12/06/00	272			

12/06/00	282			
01/03/01	335			
01/03/01	312			
01/03/01				
01/03/01				
02/07/01	327			
02/07/01	308			
03/14/01	347			
03/14/01	357			
3/20/2001	298	109.0	6.27	
04/04/01	236			
04/04/01	268			
4/30/2001	114.2	41.2	2.757	
05/02/01	87.00			
05/02/01	91			
5/30/2001	63.72	22.7	1.7205	
06/06/01	66			
06/06/01	67			
07/06/01	75			
07/06/01	88			
08/01/01	95			
08/01/01	113			
8/10/2001	130.3	46.8	3.27124	
8/21/2001	156	56.1	3.87	
09/05/01	180			
09/05/01	202			
10/03/01	246			
10/03/01	249			
11/1/2001	247.9	90.1	5.56829	
11/06/01	259			
11/06/01	261			
12/05/01	296			
12/05/01	317			
01/02/02	292			
01/02/02	321			
02/06/02	333			
02/06/02	336			
03/06/02	263			
03/06/02	338			
04/03/02	163			
04/03/02	163			
4/16/2002	152.1	55.1	3.54088	
05/01/02	128			
05/01/02	136			
5/20/2002	90.98	32.7	2.23942	
06/05/02	97			
06/05/02	102			

07/03/02	233		
07/03/02	198		
7/31/2002	241.7	88.1	5.29417
08/07/02	217		
08/07/02	235		
09/04/02	278		
09/04/02	283		
10/02/02	195		
10/02/02	177		
11/06/02	255		
11/06/02	285		
12/04/02	294		
12/04/02	308		
12/5/2002	249.2	90.7	5.48308
01/09/03	304		
01/09/03	309		
2/1/2003	310.0	104.1	7.0
02/05/03	288		
03/06/03	272		
3/9/2003	336.0	99.8	6.9
4/24/2003	212.0	61.9	4.6
5/2/2003	125.8	45.2	3.16266
05/06/03	184		
5/7/2003			
5/7/2003	152.0	45.1	3.4
5/30/2003	48.97	17.2	1.486
6/2/2003	58.0	19.6	1.6
7/2/2003			
7/2/2003	112.0	32.8	2.8
07/02/03	107		
7/11/2003	126.2	45.3	3.187
8/14/2003	144.0	44.7	3.8
09/03/03	182		
9/11/03			
9/11/2003	164.0	45.7	4.0
10/4/2003	178.0	56.8	4.3
10/27/2003	246.6	89.6	5.53
11/05/03	254		
11/6/03			
01/20/04	283		
2/13/2004	348.0	100.2	7.0
3/3/04			
03/10/04	270		
3/19/2004	228.0	66.1	4.8
4/16/2004	184.0	53.0	4.3
5/5/04			
5/5/2004	108.0	32.3	2.6



05/05/04	105		
5/11/2004	72.91	26.0	1.94
5/28/2004	76.0	21.2	1.6
6/8/2004	59.45	21.2	1.58
6/17/2004	76.0	22.2	1.7
7/7/04			
7/7/2004	108.0	33.8	2.8
07/13/04	112		
8/4/2004	162.1	58.7	3.78
8/19/2004	392.0	60.5	5.2
9/1/04			
09/09/04	183		
9/15/2004	196.0	60.7	5.2
10/14/2004	196.0	52.0	4.1
11/03/04	199		
11/8/2004	202.2	73.0	4.83
11/10/04		75.0	5.0
11/10/2004	210.0	62.9	4.7
12/8/2004	234.0	71.7	5.2
02/15/05	274	86.4	5.9
03/13/05	244	77.0	5.8
04/09/05	208	66.4	4.8
05/04/05	208	56.1	4.3
05/04/2005		65	5
5/10/2005	115.8	41.2	3.155
6/9/2005	82	20.5	1669
6/28/2005	74.61	26.5	2.061
07/06/2005		25	2
07/06/2005		25.0	2
7/6/2005	72	23.0	1778
8/8/2005	122.8	43.9	3.208
8/10/05		42.8	3.318
8/10/05	134	42.8	3.405
9/14/05	142		
9/14/05	142	63.2	4.772
9/15/2005			5
09/15/2005		65.0	5
10/13/05	176		
10/13/05	176	52.8	4.213
10/26/2005	160		
11/2/2005			5
11/2/05	200		
11/2/05	200	64.2	4.617
12/12/2005	272.9	99.4	6.024
12/20/05	46	81.8	6.258
12/20/05	46	81.8	6.258
3/7/06		78.6	6.16

4/5/06	-9		
4/5/06		78.6	6.16
4/19/2006	153.6	55.2	3.866
5/10/06		36.8	2.934
05/10/2006		37.0	3
5/24/2006	61.25	21.8	1.63
5/24/2006	53		
6/6/06	60	20.4	1.408
6/6/06	60	20.4	1.408
6/21/2006	82		
7/12/06	224	38.1	2.975
7/12/06	244	38.1	2.975
07/12/2006		39.0	3
8/2/06	132	39.5	3.196
8/16/2006	130		
9/6/06	220	61.8	5.016
09/06/2006		66.0	5
9/27/2006	156.9	56.5	3.855
10/11/06	106	34.3	2.683
10/31/2006	176.9	63.6	4.405
11/1/06	172	55.5	4.368
11/01/2006		63.0	4
12/5/06	242	76.4	5.873
12/6/2006	130		
1/11/07	284	89.9	6.799
4/2/2007	222	73.5	5.37
4/16/2007	179.7	64.6	4.491
05/11/2007	102	36.0	3
5/11/2007	106	35.6	2.71
5/15/2007	68		
5/16/2007	70.37	24.9	1.989
07/11/2007	112	40.0	3
7/11/2007	120	36.5	2.554
7/12/2007	99		
7/18/2007	126.2	45.2	3.257
8/6/2007	128	34.3	2.36
09/05/2007	179	64.3	4.5
10/4/2007	130		
10/25/2007	168	58.8	4.096
11/6/2007	198.4	71.1	5.042
11/07/2007	196	70.0	5
11/7/2007	212	72.3	4.848
12/5/2007	236	79.6	5.363
01/02/08	-9	-9.0	-9
03/12/08	-9	-9.0	-9
05/07/08	125	45.0	3.0
5/7/2008	116	35.9	3.295

Jan.	Feb	Mar	Apr
Hardness	Hardness	Hardness	Hardness
284	352	336.98	222
		273	179.7
			106.8
			177.196
			218
			208

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2007

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5/12/2008	110		
5/14/2008	118.5	42.3	3.12
6/3/2008	52	18.1	1.487
6/3/2008	49.78	17.6	1.446
07/09/08	83	30.0	2.0
7/9/2008	80	25.3	2.068
8/5/2008	130	41.8	3.179
8/6/2008	110		
8/14/2008	144	51.6	3.68
09/03/08	183	65.0	5.0
9/3/2008	164	56.8	4.194
10/6/2008	238	77.1	5.492
10/22/2008	230		
11/7/2008	300	96.4	6.385
12/2/2008	270.7	98.0	6.313
12/3/2008	272	88.2	5.757
1/8/2009			
3/4/2009			
4/29/2009	106.8	38.0	2.878
5/13/2009	15	19.0	2
5/13/2009	58	19.9	1.627
5/18/2009	45	15.9	1.36
6/10/2009	88		2.6
6/12/2009	76	24.7	2.004
6/16/2009	78	27.6	2.28
6/16/2009			
6/16/2009			
7/8/2009	14	33.0	2
7/8/2009	88	32.2	2334
7/14/2009	109	38.7	3.02
7/14/2009			
7/21/2009	133.8	48.1	3.299
8/10/2009	190		
8/12/2009	196	68.7	4.804
8/18/2009	217	75.6	5.34
8/18/2009			
9/9/2009	210.4	75.9	5.089
9/16/2009	45	70.0	5
9/16/2009	210	68.4	5.216
9/22/2009	189	71.2	5.06
9/22/2009			
9/22/2009			
10/5/2009	206	73.2	5.056
10/26/2009	270		
11/4/2009	257	93.0	6
11/4/2009		93.0	6.0
11/5/2009	206	79.8	6.807

11/13/2009	245.7	88.5	5.999
11/17/2009	267	107.0	7.08
11/17/2009			
12/1/2009	272	85.0	6.405
2/17/2010	352	127.0	8.5
2/17/2010			
2/17/2010			
3/17/2010	337	122.0	7.8
3/17/2010			
3/17/2010		122.0	7.81
3/17/2010			
3/17/2010			
3/17/2010			
3/17/2010			
4/13/2010	177	63.4	4.56
4/13/2010		63.0	4.45
5/4/2010	157.6	57.0	3.728
6/2/2010	54	19.1	1.53
6/2/2010			
6/9/2010	59.04	21.0	1.626
7/8/2010	130	47.0	3.0
7/8/2010	128	41.4	3.144
7/13/2010	136	48.7	3.58
7/13/2010			
7/13/2010	110		
8/10/2010	136	46.2	3708
8/10/2010	146	52.4	3.697
9/9/2010			
9/14/2010	245	88.0	6.06
9/14/2010		73.9	5.61
9/14/2010			
10/4/2010	252	75.6	5.086
11/2/2010	232	83.7	5.62
11/2/2010		82.4	5.64
11/2/2010			
11/2/2010			
11/3/2010	211	76.0	5.0
11/3/2010	236	72.8	4.981
12/7/2010	256	98.5	5.786
03/15/11	273	98.7	6500
4/4/2011	218	78.6	5.32
4/6/2011	208	71.2	4
5/4/2011		79.0	5
5/8/2011	124	40.2	3
6/7/2011	53	18.6	1.52
06/14/11	55	19.4	1690
6/30/2011	76	22.1	2

07/19/11	75	26.5	2170				
8/1/2011	114	38.5	2				
08/16/11	161	57.3	4360				
8/31/2011	174	62.6	4.62				
9/7/2011	212	67.0	4				
9/7/2011		72.0	5				
09/13/11	210	75.3	5260				
10/7/2011	216	62.8	4				
10/18/11	183	65.6	4700				
11/2/2011	240	72.5	5.0				
11/2/2011		80.0	5				
11/10/2011	254	91.6	6.04				
12/7/2011	264	87.0	5.6				
	186	67.7	4.1				
1/5/2012	296			Jan.	Feb	Mar	Apr
3/7/2012	316			Hardness	Hardness	Hardness	Hardness
4/3/2012	148			296	332	316	148
5/2/2012	108			344	284	364	272
5/7/2012				268		288	198
5/15/2012	87						238
5/15/2012	83						258
6/2/2012	74						257
8/6/2012	180						248
9/4/2012	240						231
10/2/2012	261						208
10/3/2012	276						190
10/4/2012	266						192
11/7/2012	292						188
12/10/2012	392						126
1/7/2013	344						147
2/7/2013	332						129
3/11/2013	364						102
4/10/2013	272						91
4/16/2013	198						206
4/17/2013	238						
4/18/2013	258						
4/19/2013	257						
4/20/2013	248						
4/21/2013	231						
4/22/2013	208						
4/23/2013	190						
4/24/2013	192						
4/25/2013	188						
4/26/2013	126						
4/27/2013	147						
4/28/2013	129						

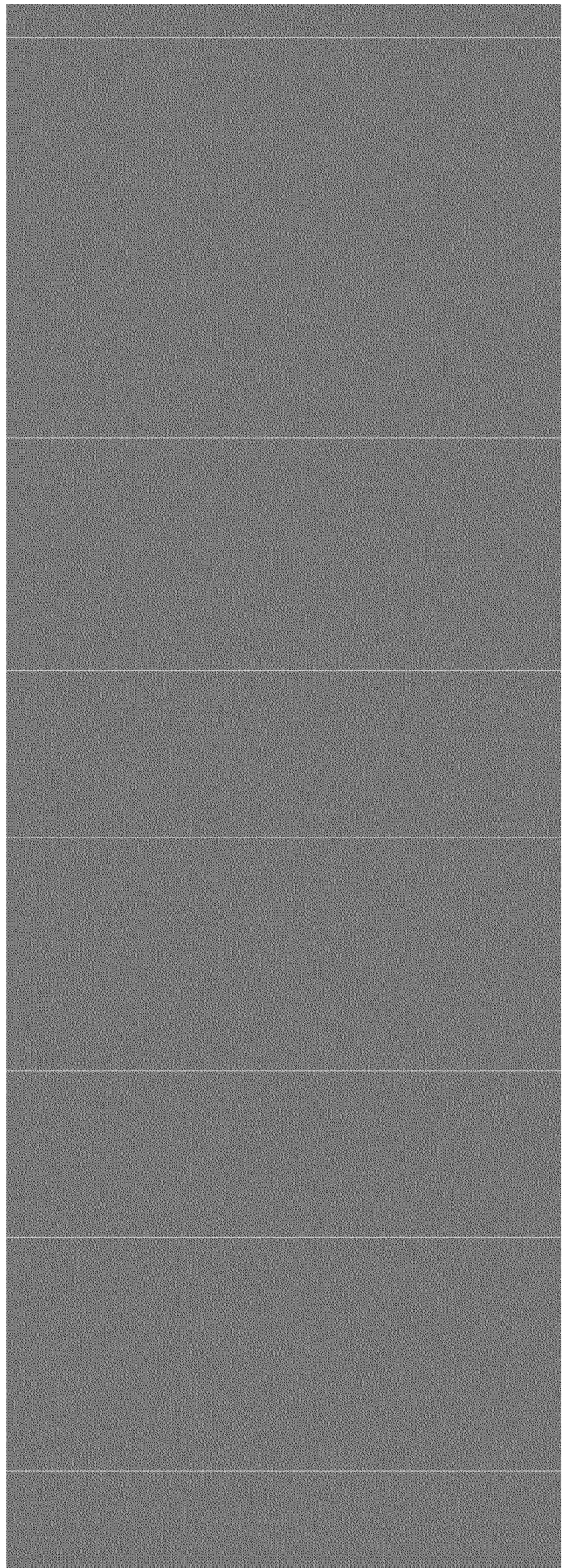
4/29/2013	102
4/30/2013	91
5/1/2013	96
5/2/2013	96
5/3/2013	96
5/4/2013	84
5/5/2013	88
5/6/2013	96
5/7/2013	110
5/7/2013	112
5/8/2013	119
5/9/2013	126
5/10/2013	133
5/11/2013	136
5/12/2013	128
5/13/2013	94
5/14/2013	
5/14/2013	70
5/15/2013	66
5/16/2013	62
5/17/2013	60
5/18/2013	63
5/19/2013	74
5/20/2013	87
5/21/2013	80
5/22/2013	69
5/23/2013	62
5/24/2013	58
5/25/2013	62
5/26/2013	60
5/27/2013	61
5/28/2013	70
5/29/2013	72
5/30/2013	84
5/31/2013	84
6/1/2013	80
6/2/2013	77
6/3/2013	77
6/4/2013	72
6/5/2013	80
6/5/2013	72
6/6/2013	69
6/7/2013	76
6/8/2013	76
6/9/2013	74
6/10/2013	76
6/11/2013	77

COLOR CODE:

2012

All red font are averages of s

6/12/2013	84
6/13/2013	87
6/14/2013	90
6/15/2013	98
6/16/2013	102
6/17/2013	106
6/18/2013	110
6/19/2013	112
6/20/2013	120
6/21/2013	118
6/22/2013	130
6/23/2013	126
6/24/2013	134
6/25/2013	144
6/26/2013	140
6/27/2013	143
6/28/2013	138
6/29/2013	147
6/30/2013	154
7/1/2013	152
7/2/2013	151
7/3/2013	160
7/4/2013	166
7/5/2013	170
7/6/2013	173
7/7/2013	192
7/7/2013	180
7/8/2013	178
7/9/2013	181
7/10/2013	182
7/11/2013	186
7/12/2013	168
7/13/2013	176
7/14/2013	182
7/15/2013	184
7/16/2013	161
7/17/2013	164
7/18/2013	142
8/4/2013	146
9/10/2013	178
10/2/2013	132
11/8/2013	226
12/13/2013	232
1/8/2014	268
2/7/2014	284
3/5/2014	288
4/10/2014	206



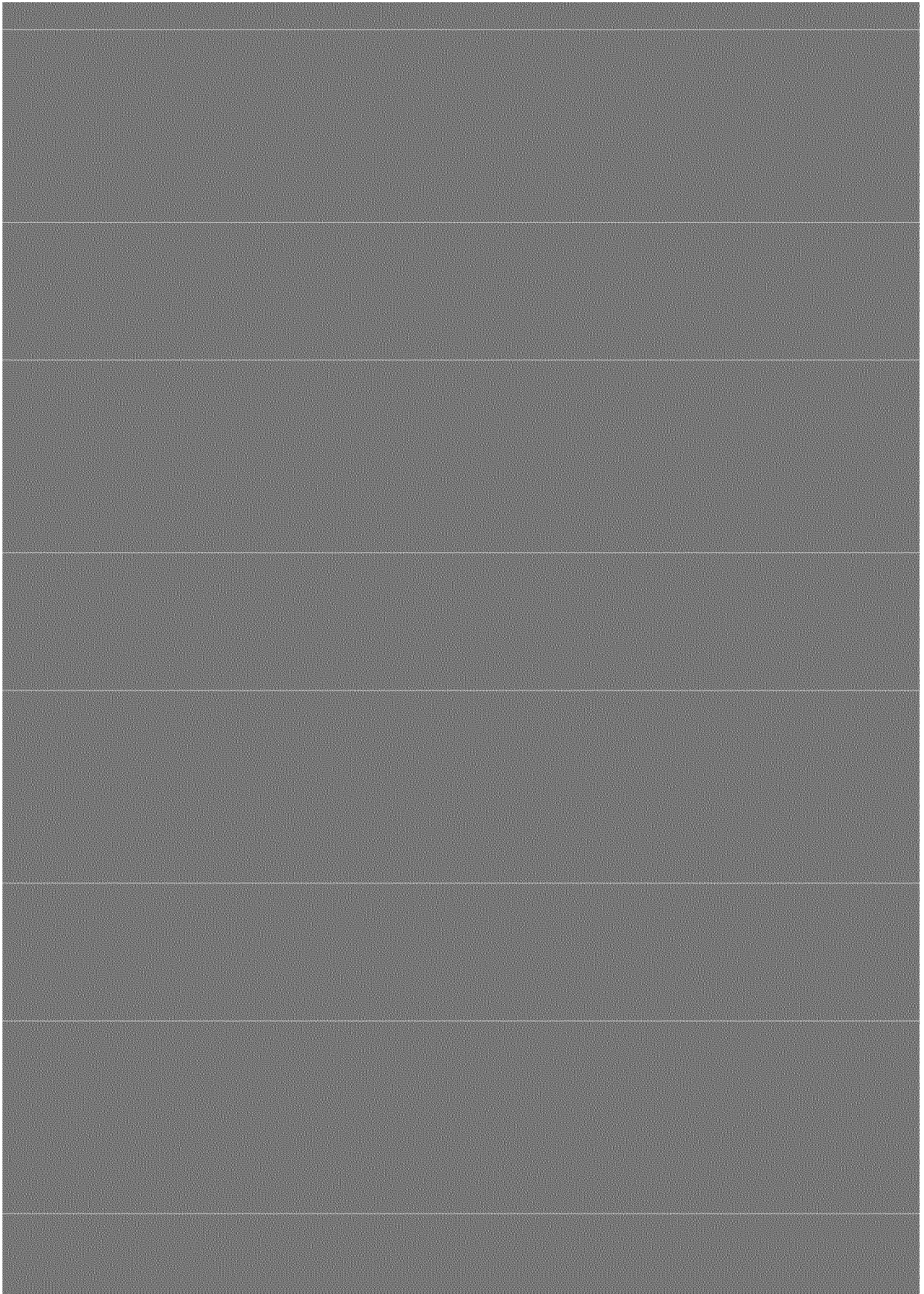
May	June	July	Aug	Sept	Oct	Nov	Dec
Hardness	Hardness	Hardness	Hardness	Hardness	Hardness	Hardness	Hardness
81	69	100	180	184	250	270	330
87	61	93	150	134	256	260	
73	72	91		109	260	230	
48	39	150		104	240	270	
	53	160		210			
	76			220			
	60			200			
	57.30						

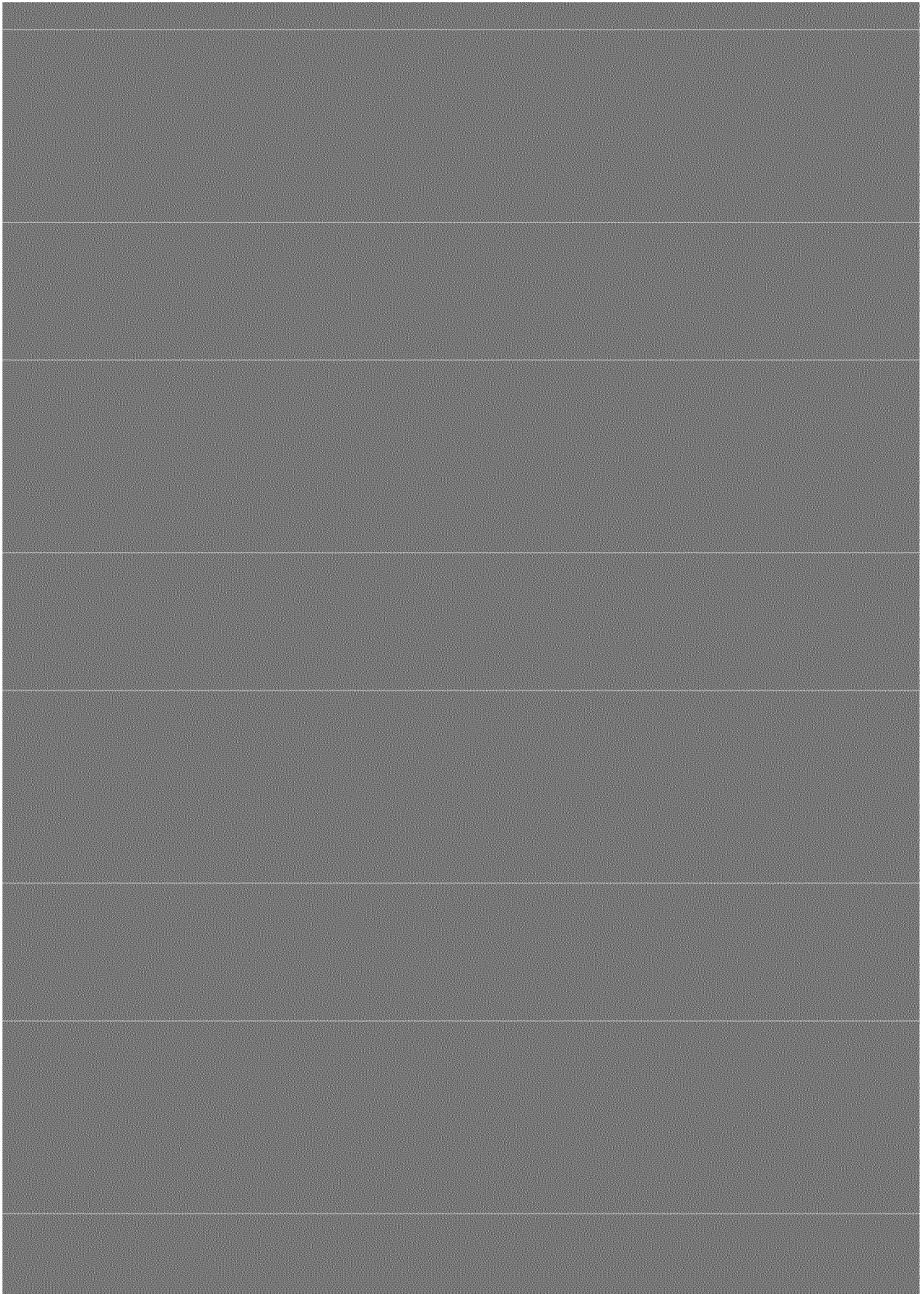
Ave. Hardness
1991 - mid 1996
1998 - 2001
2007 - 2011

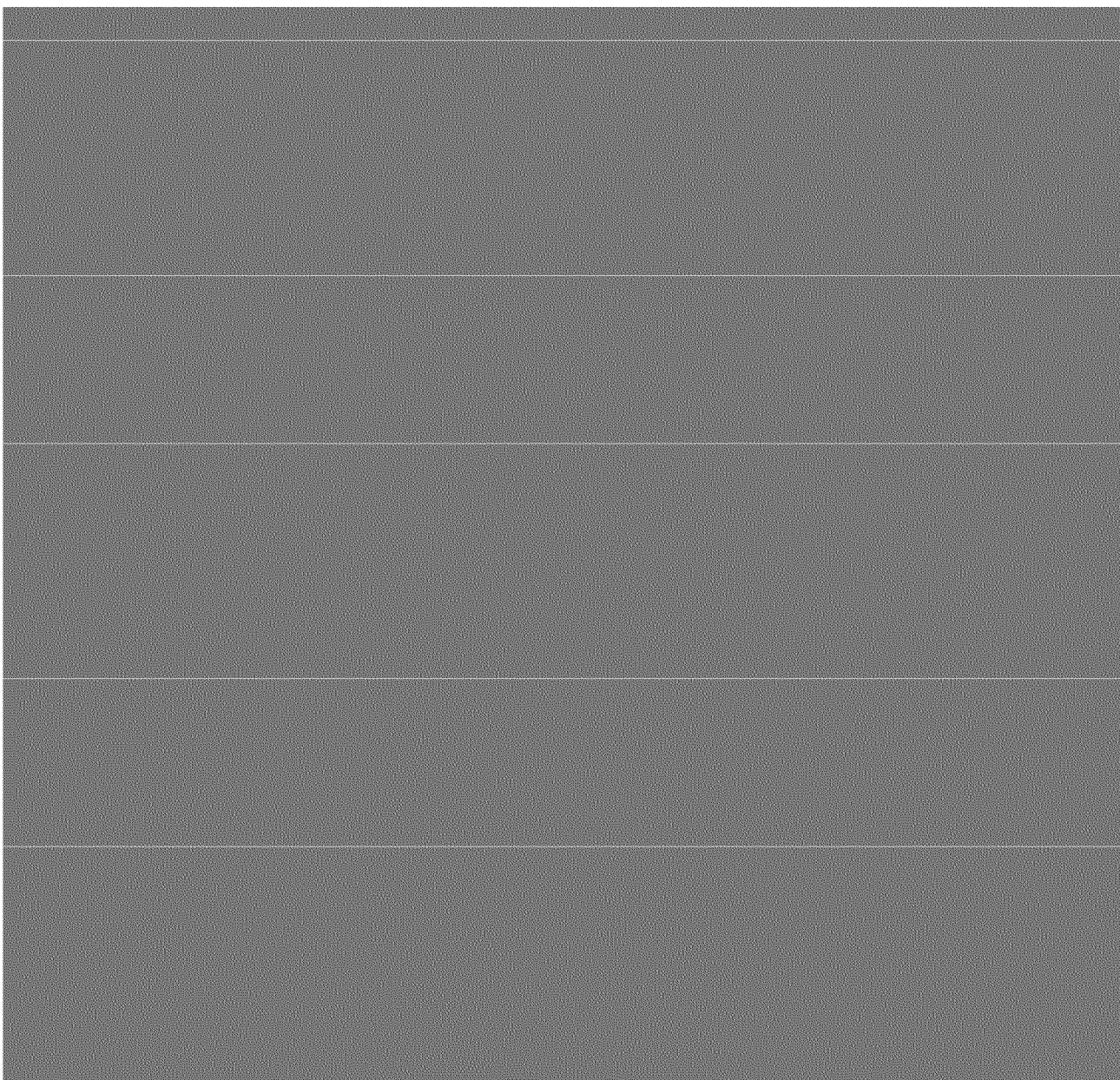
1992	1993	1994	1995	1996
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ame day samples









May	June	July	Aug	Sept	Oct	Nov	Dec	
Hardness	Hardness	Hardness	Hardness	Hardness	Hardness	Hardness	Hardness	
107	58	66	140	147	192	228	202	Ave. Hardness 1998 - 2001
138	79	70	85	184	189	206	278	
62	61	100	91	202	226	245	271	
229	64.52	61	108	91	248	256.1	277	
86	57	145	194	191		225	207	
48.72	54.2	152	213.8	200		238.3		
80	66	87	214	91		247.9		
63.72	117		104			260		
	67		130					
			156					

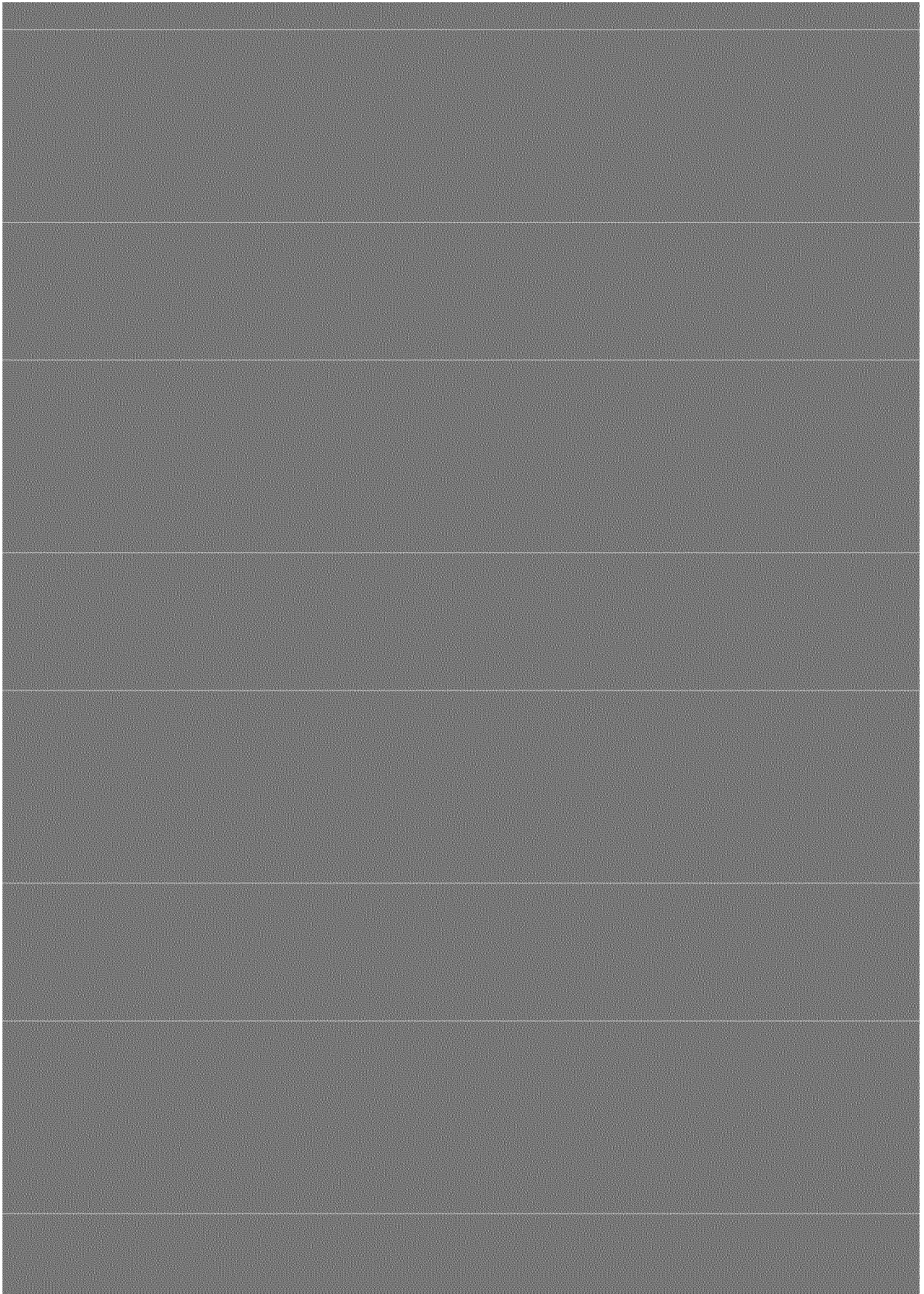


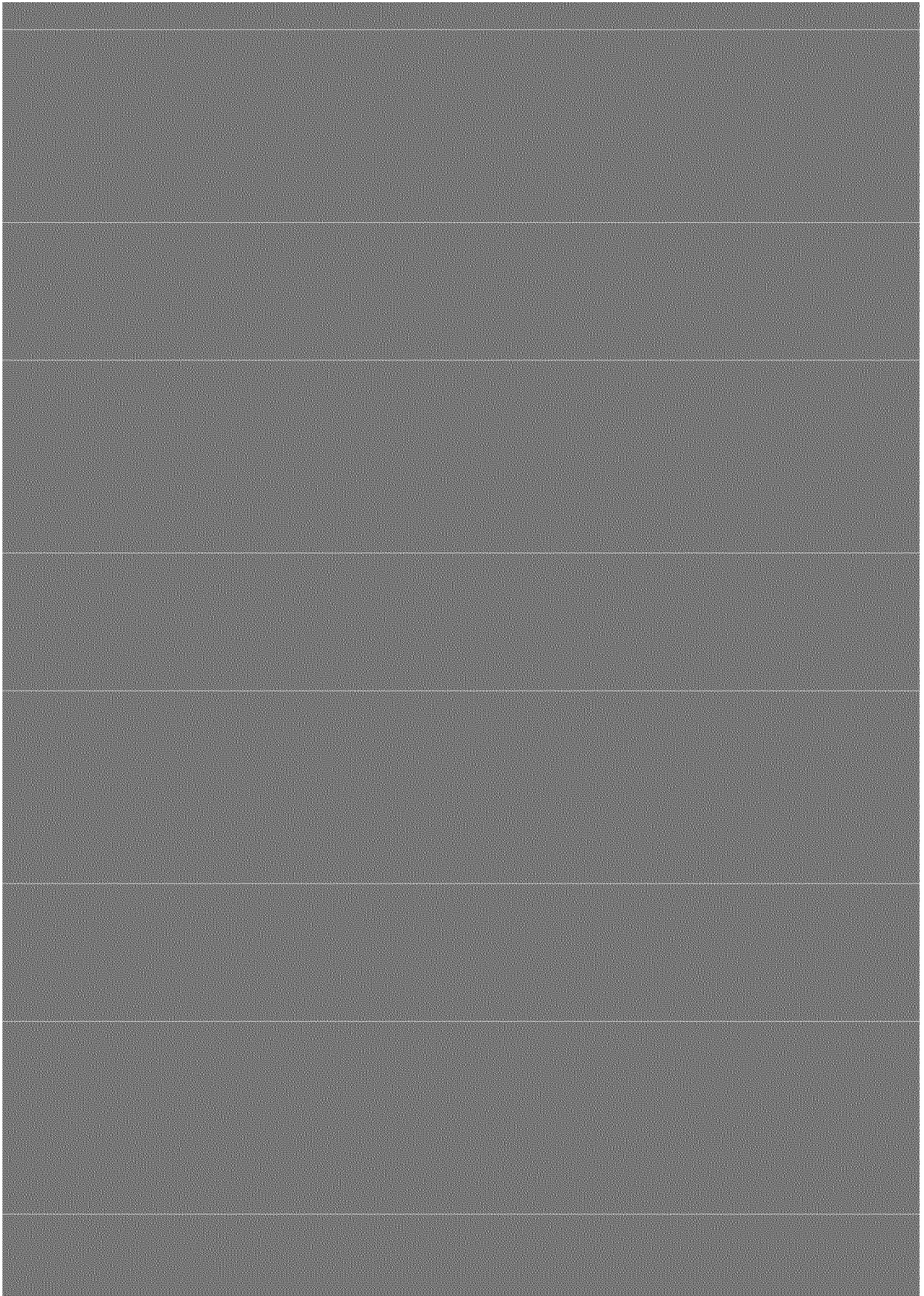
1999

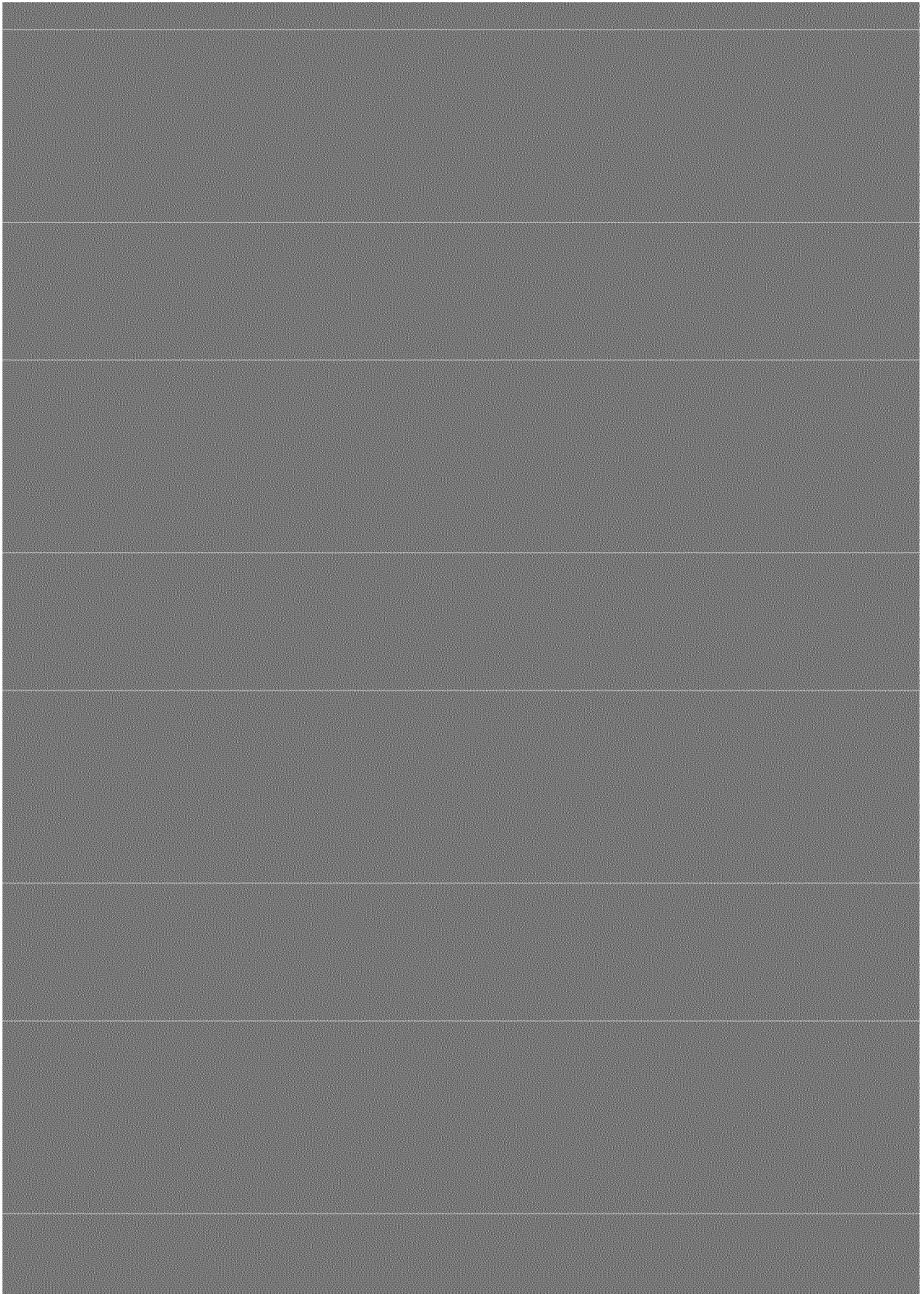
2000

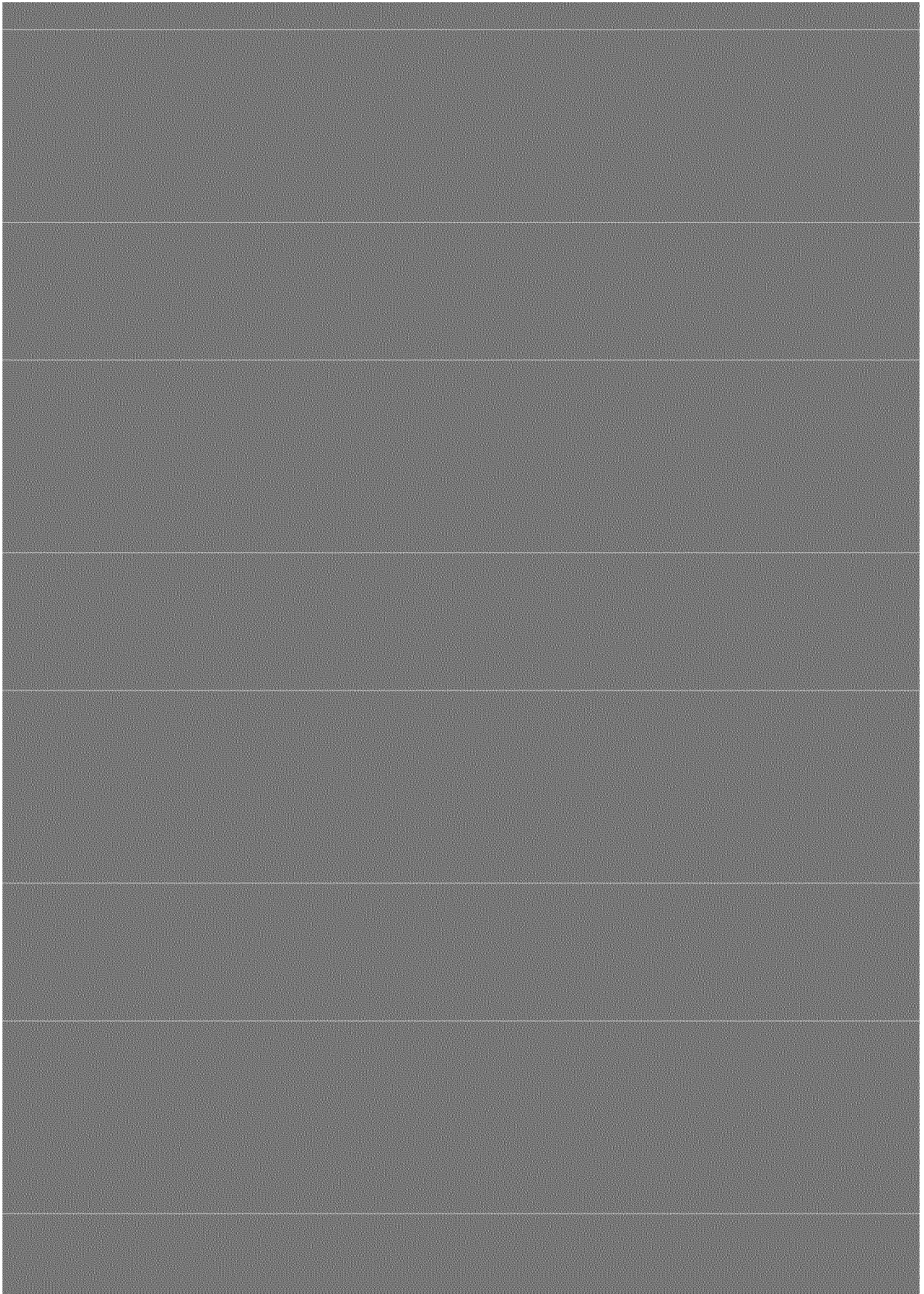
2001

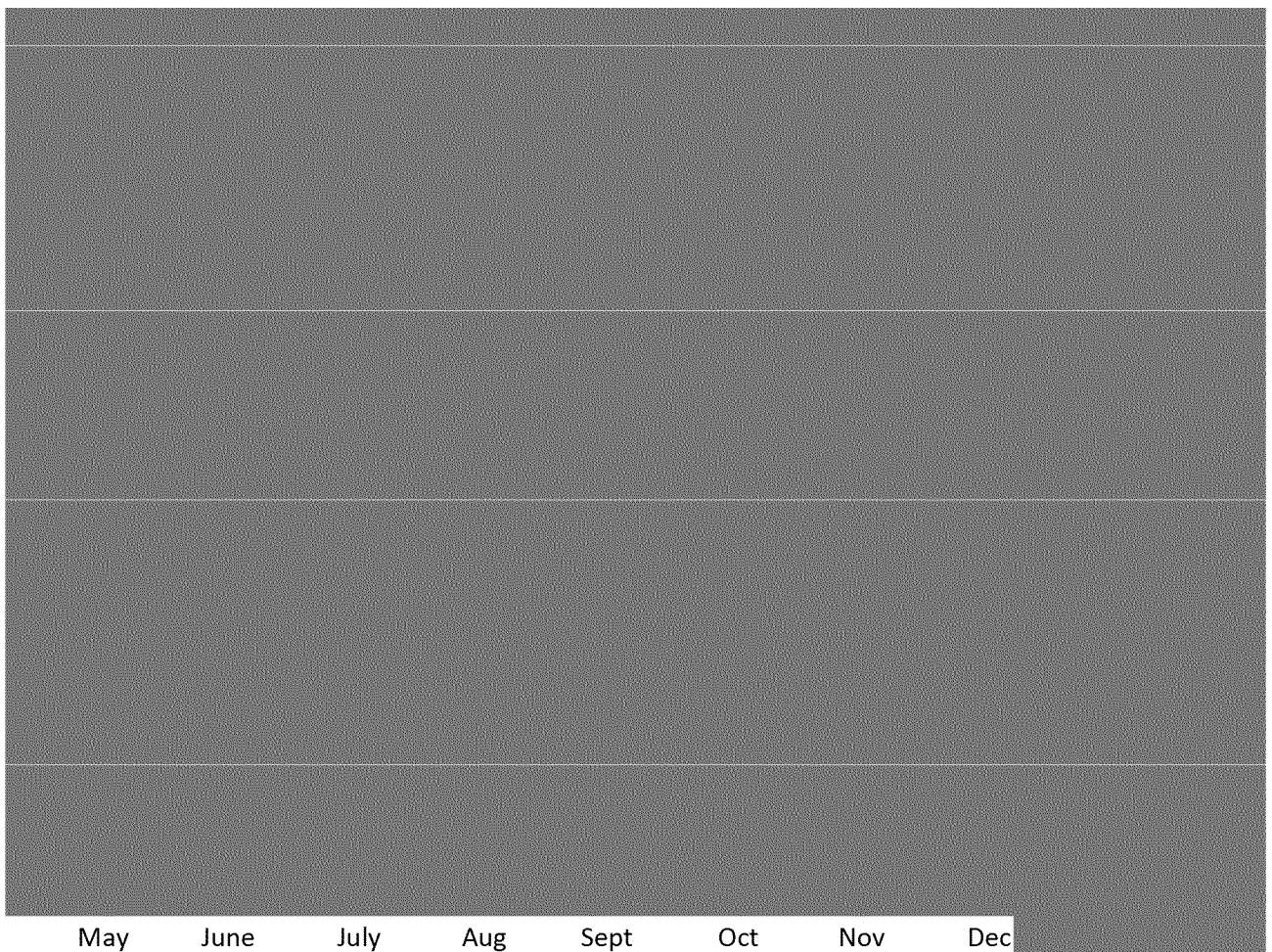
ame day samples
ans a calculated hardness.







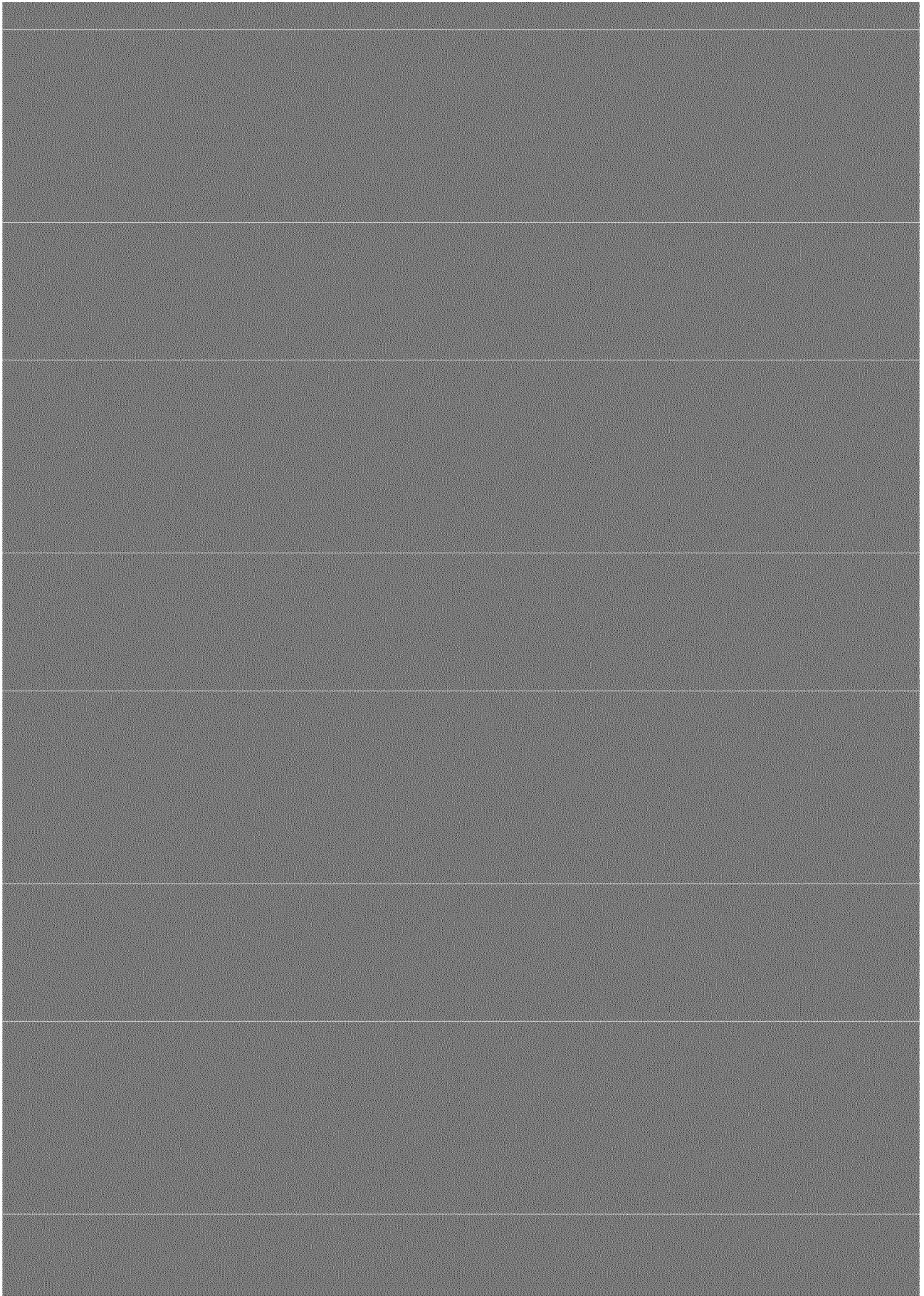


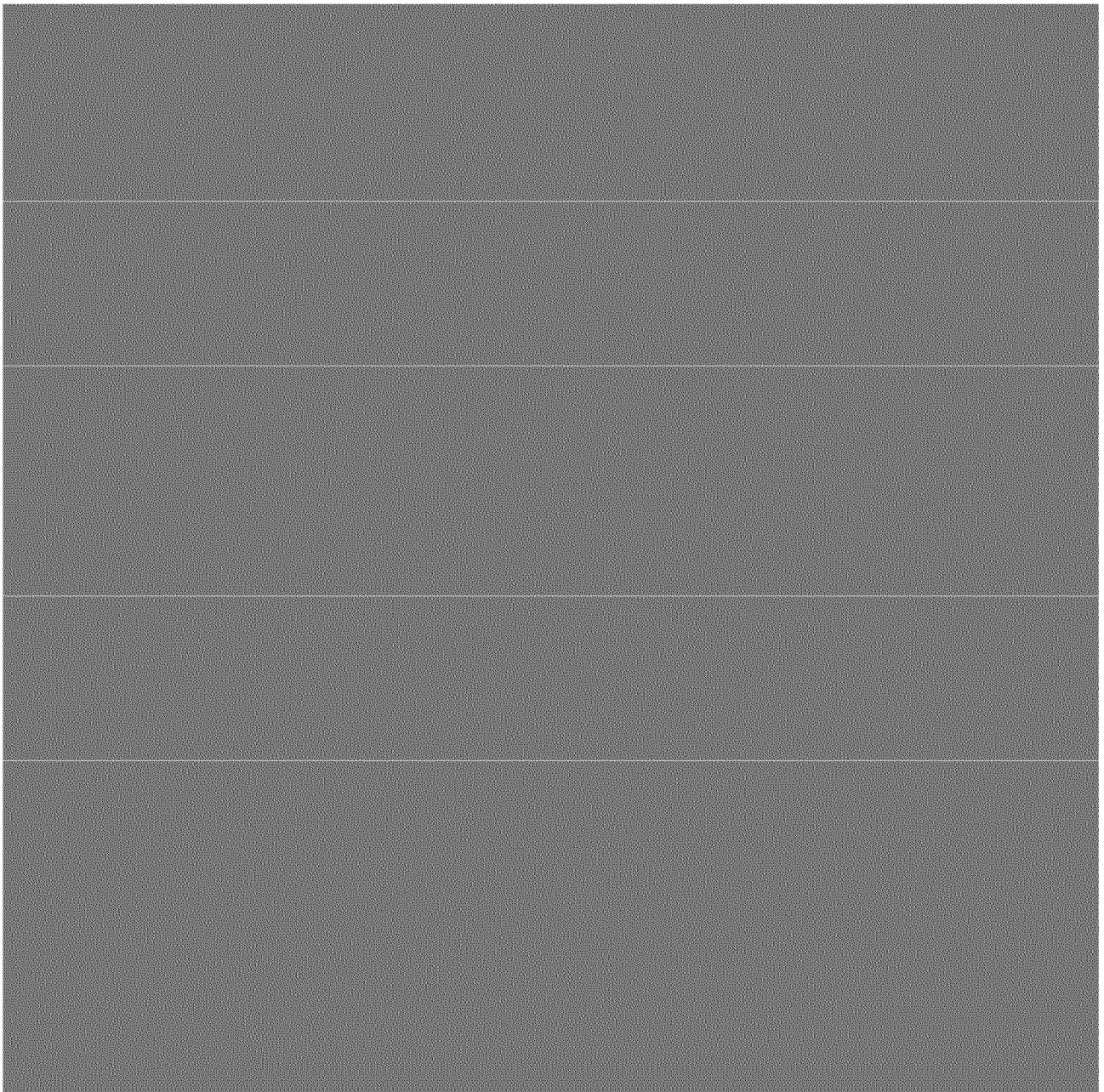
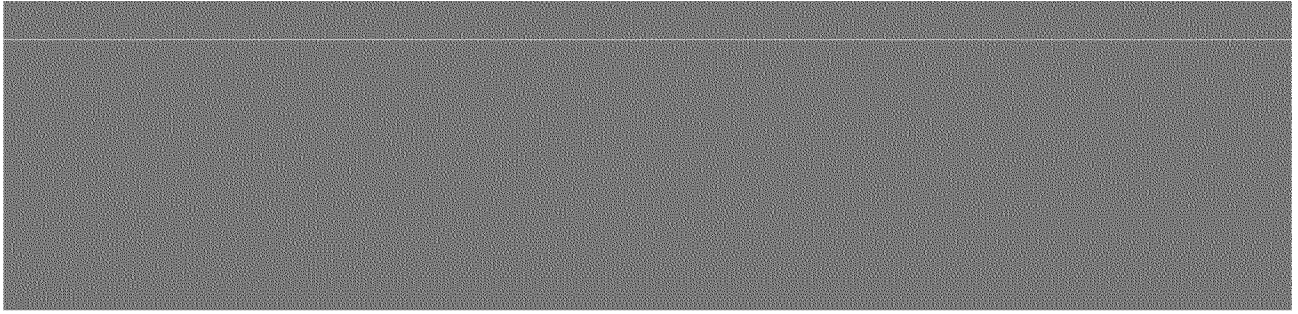


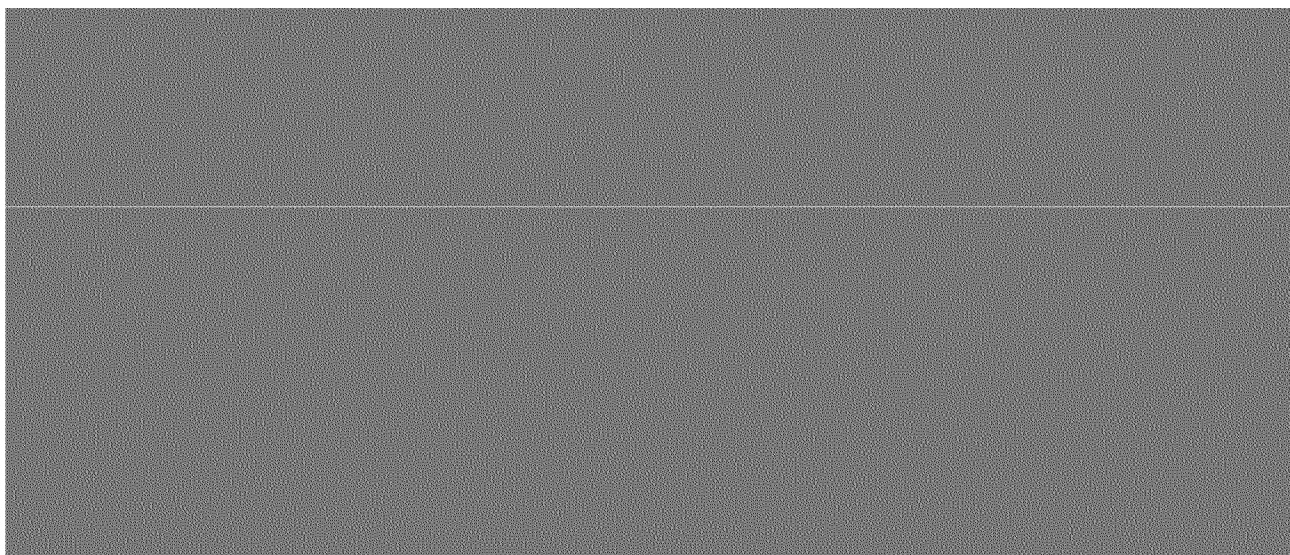
May	June	July	Aug	Sept	Oct	Nov	Dec		
Hardness	Hardness	Hardness	Hardness	Hardness	Hardness	Hardness	Hardness		
104	51	116	128	179	130	198.4	236		Ave. Hardness
68	88	99	130	174	168	204	270.7		2007 - 2011
70.37	76	126.2	110	210.00	238	300	272		
120	73	82.0	144	199	230	257	272		
110	54	88	190	245	206	206	256		
118.5	59.04	109	196	206	270	245.7	264		
58	53	133.8	211	210	252	297			
45.326	55	129	141		216	232			
157.6	76	123	114		183	223			
		75	161			230			
124			174			254			

2008	2009	2010	2011
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ame day samples
ans a calculated hardness.

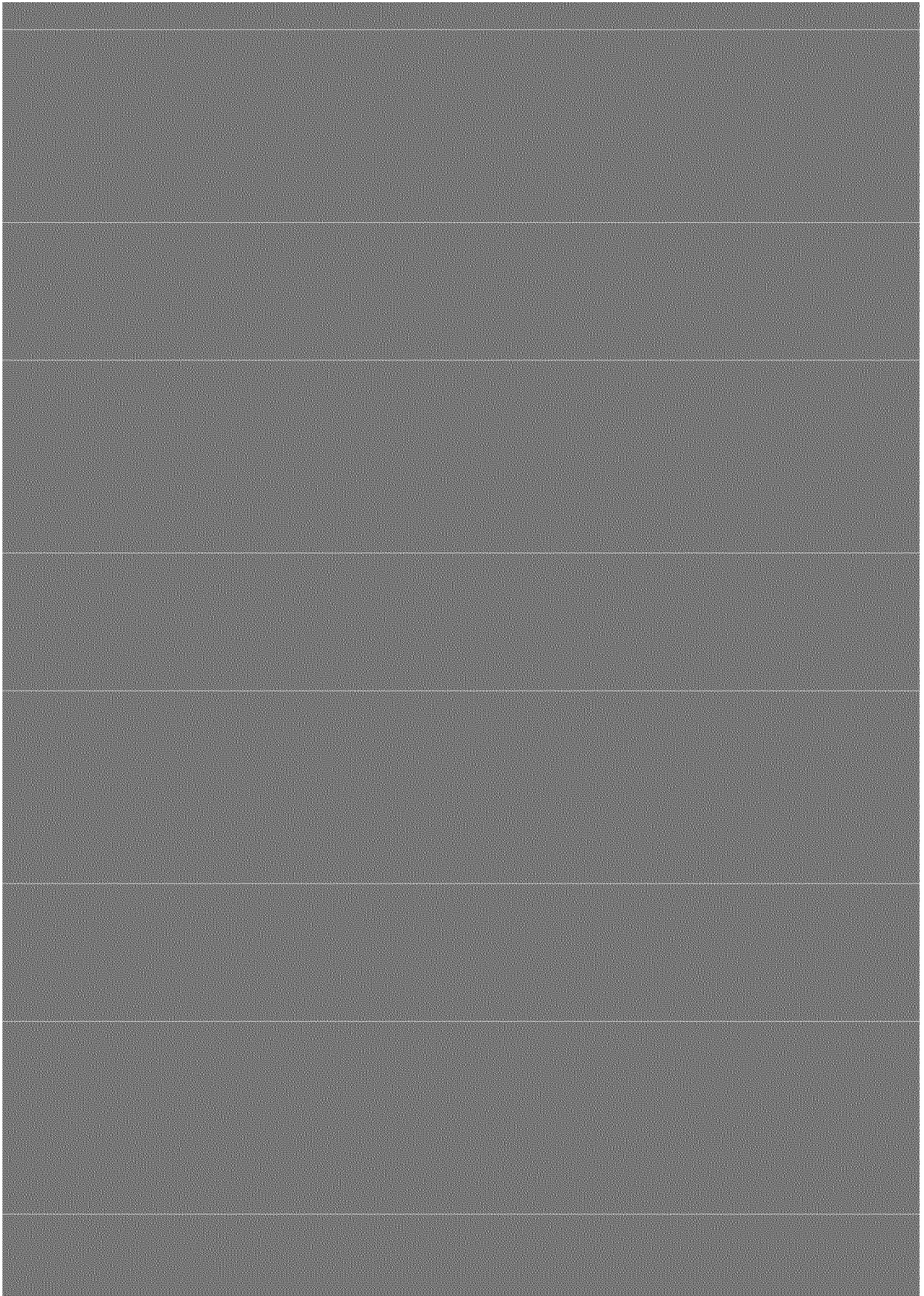




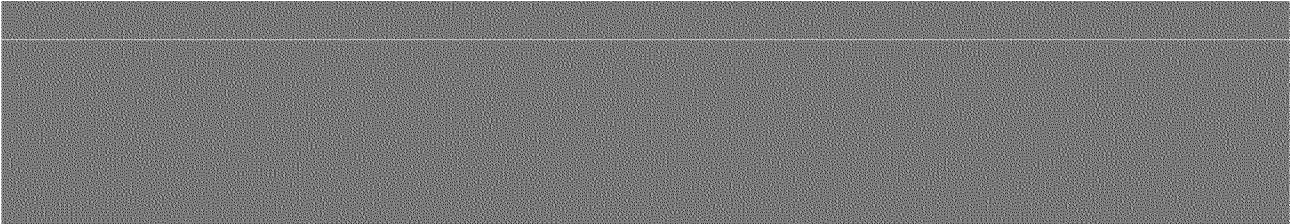


May	June	July	Aug	Sept	Oct	Nov	Dec	
Hardness	Hardness	Hardness	Hardness	Hardness	Hardness	Hardness	Hardness	
108	74	152	180	240	261	292	392	Ave. Hardness 2012 - 2014
85	80	151	146	178	276	226	232	
96	77	160	128	202	266	208	240	
96	77	166		144	132			
96	72	170			36			
84	76	173						
88	69	186						
96	76	178						
111	76	181						
119	74	182						
126	76	186						
133	77	168						
136	84	176						
128	87	182						
94	90	184						
70	98	161						
66	102	164						
62	106	142						
60	110	80						
63	112	81						
74	120	96						
87	118	120						
80	130	123						
69	126	119						
62	134							
58	144							
62	140							
60	143							
61	138							
70	147							

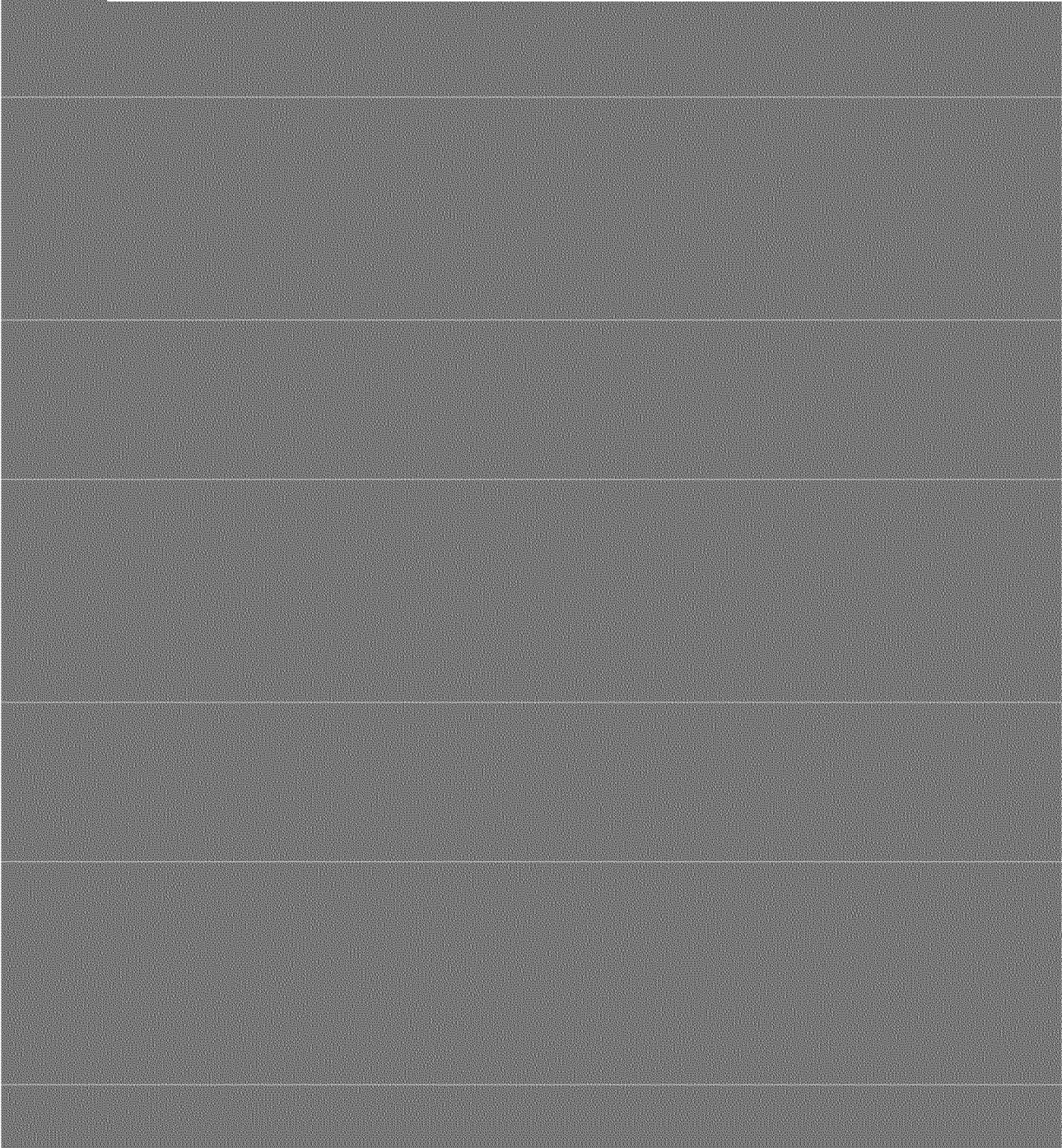
Year	Same day samples	Other samples
2013	72	154
2014	84	60
2015	84	74
2016	168	134
2017	73	70

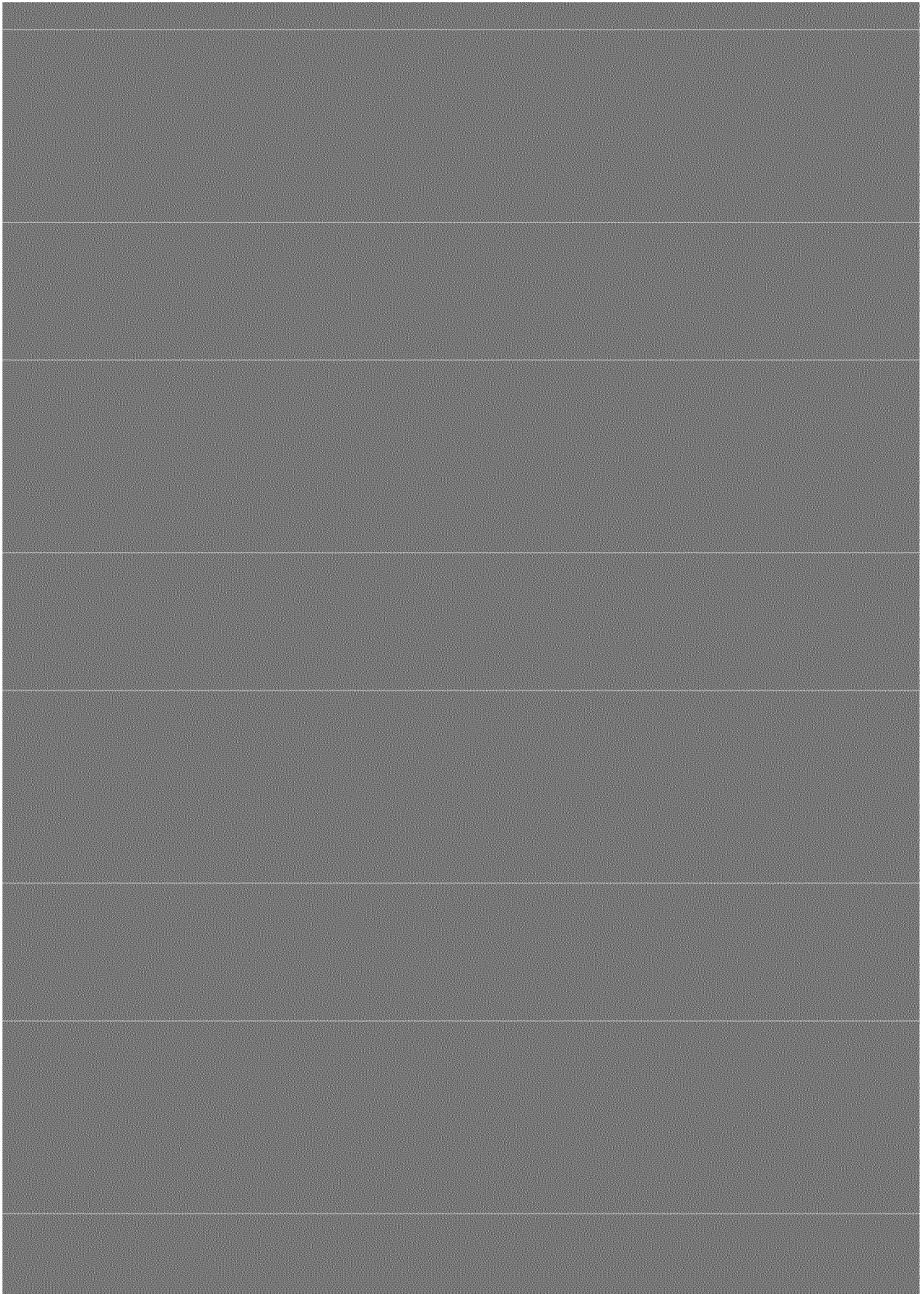


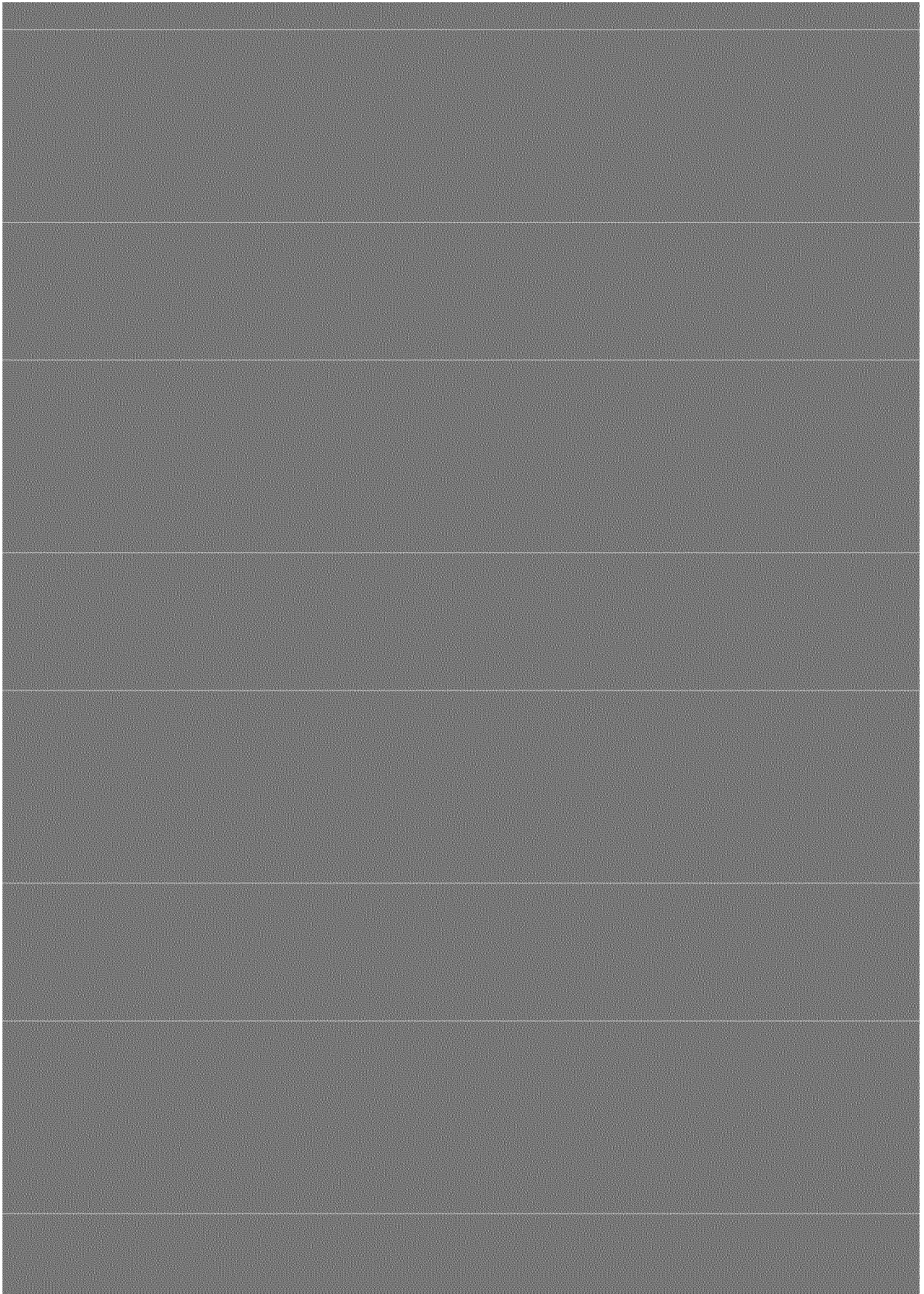




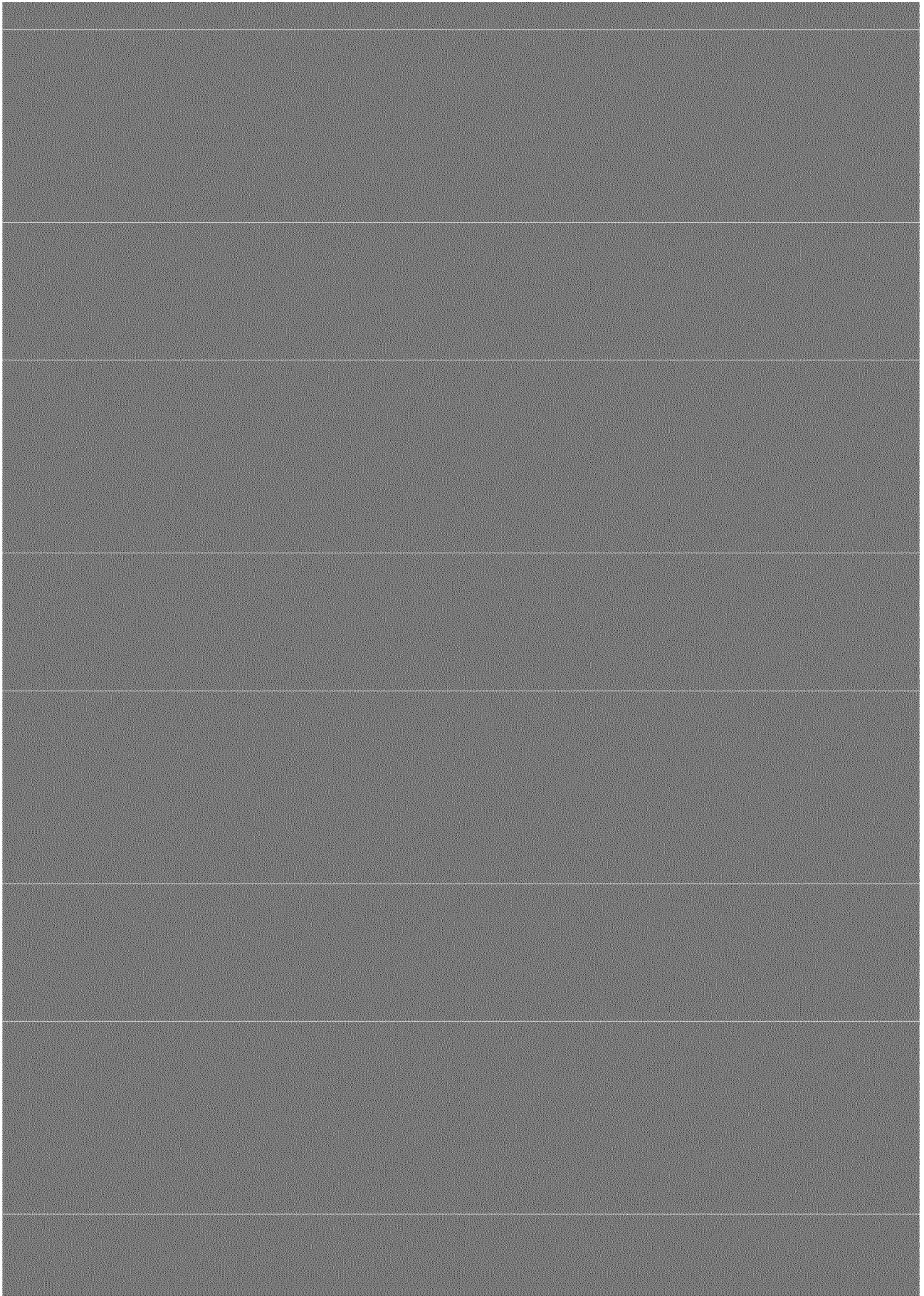
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	218	200	320	163	72	61	119	165	166
	300	311	299	203	103	69	96	144	158
	284	352	305	185	109	66	108	154	203

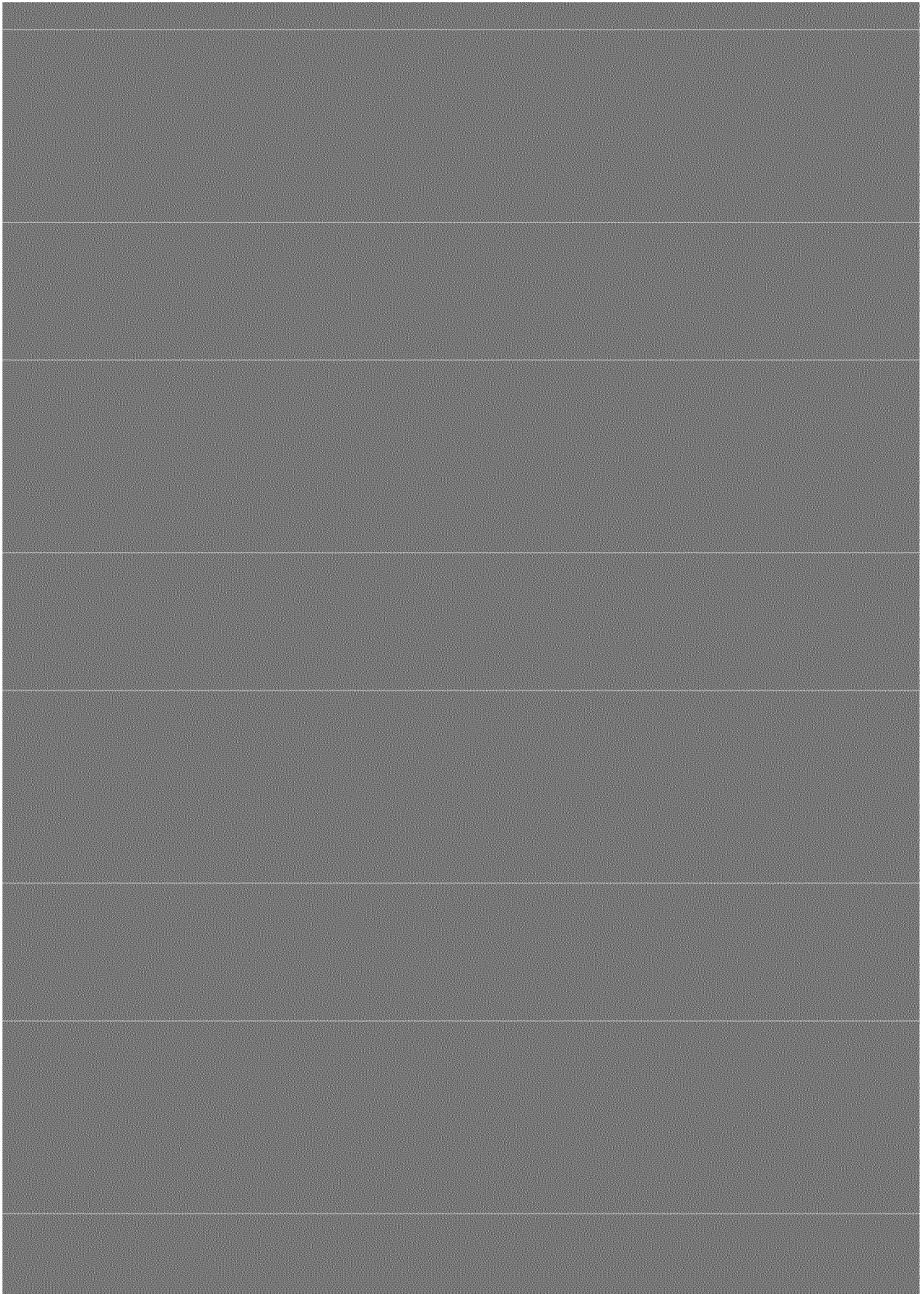


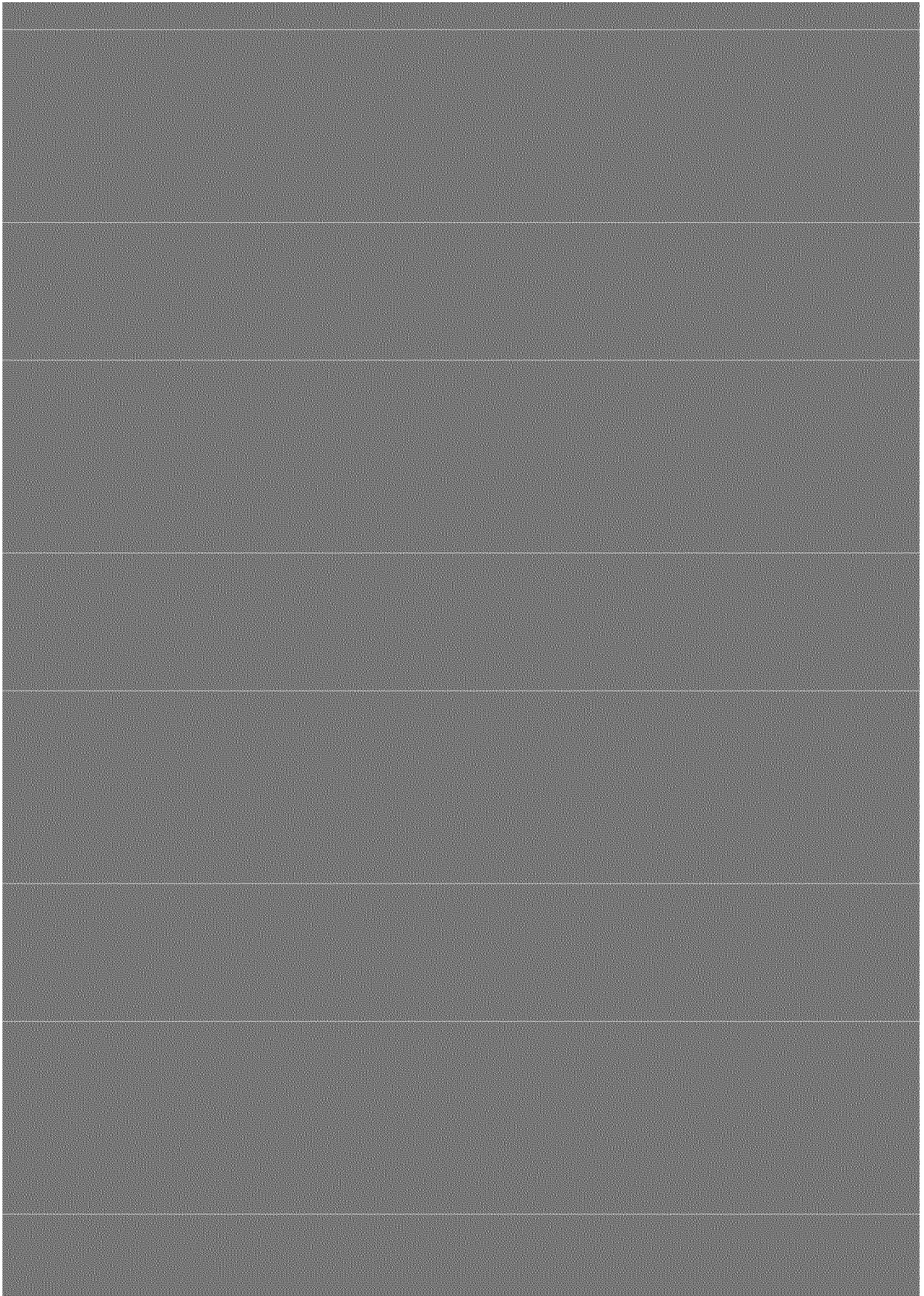


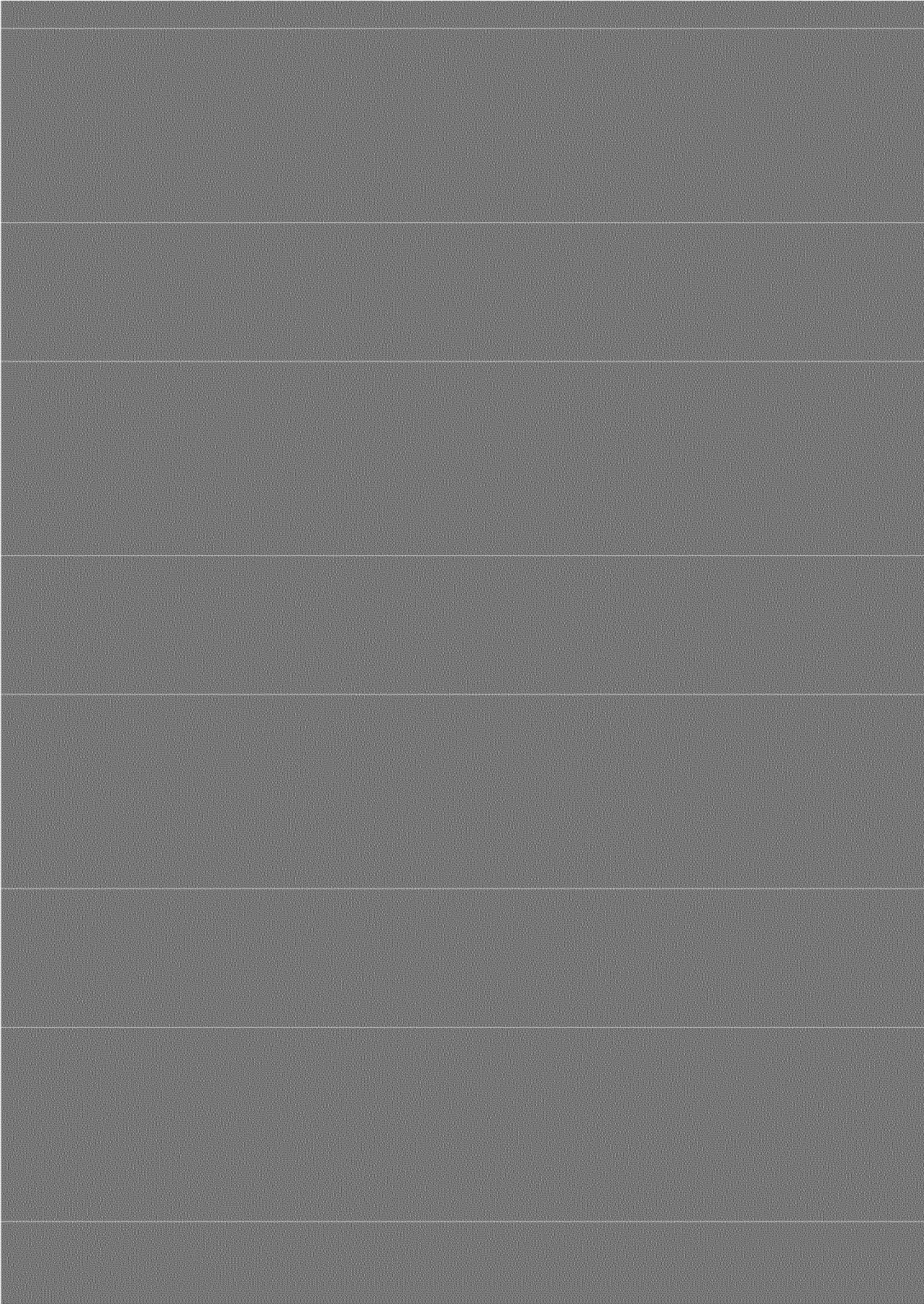


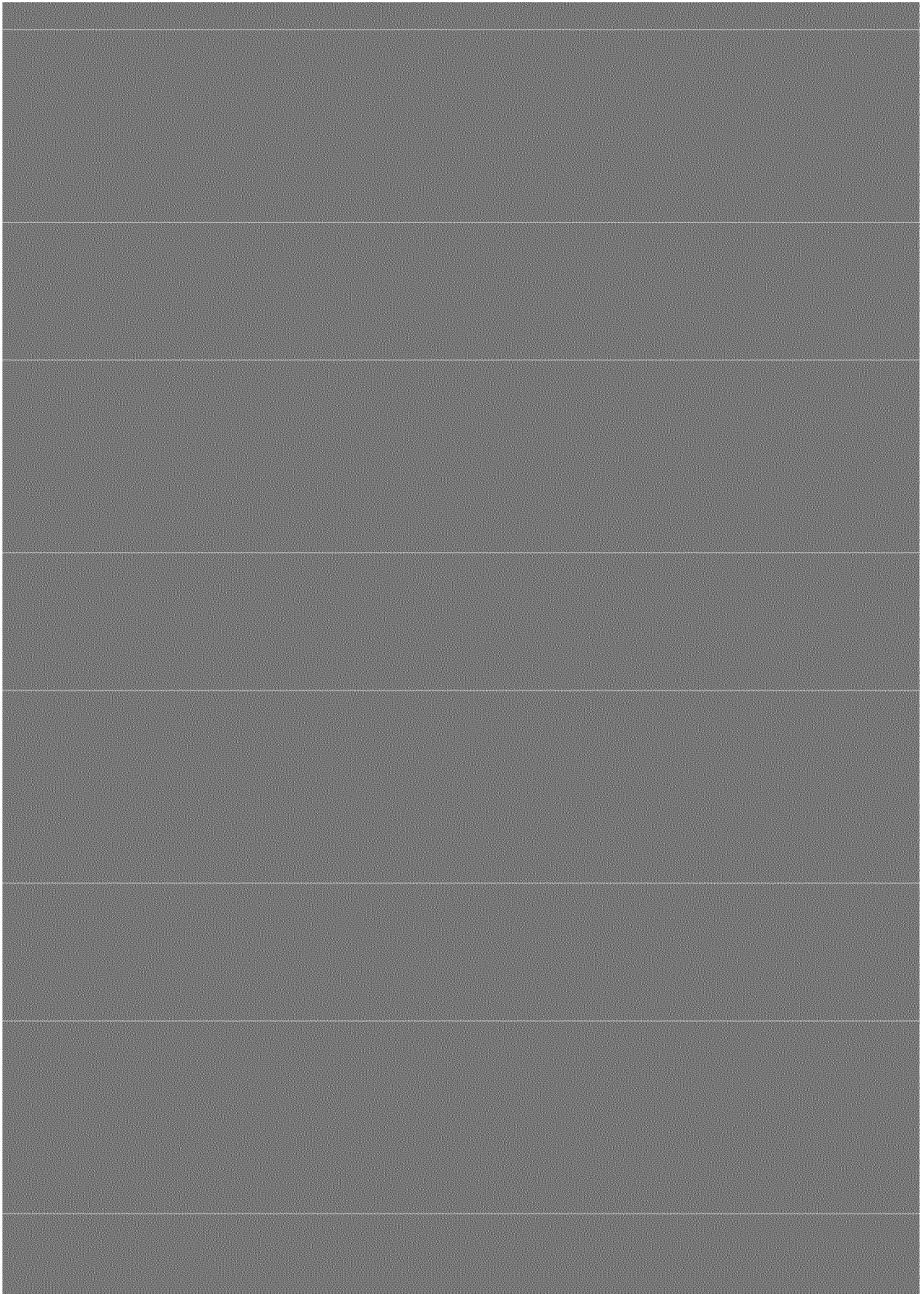
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	300	311	299	203	103	69	96	144	158

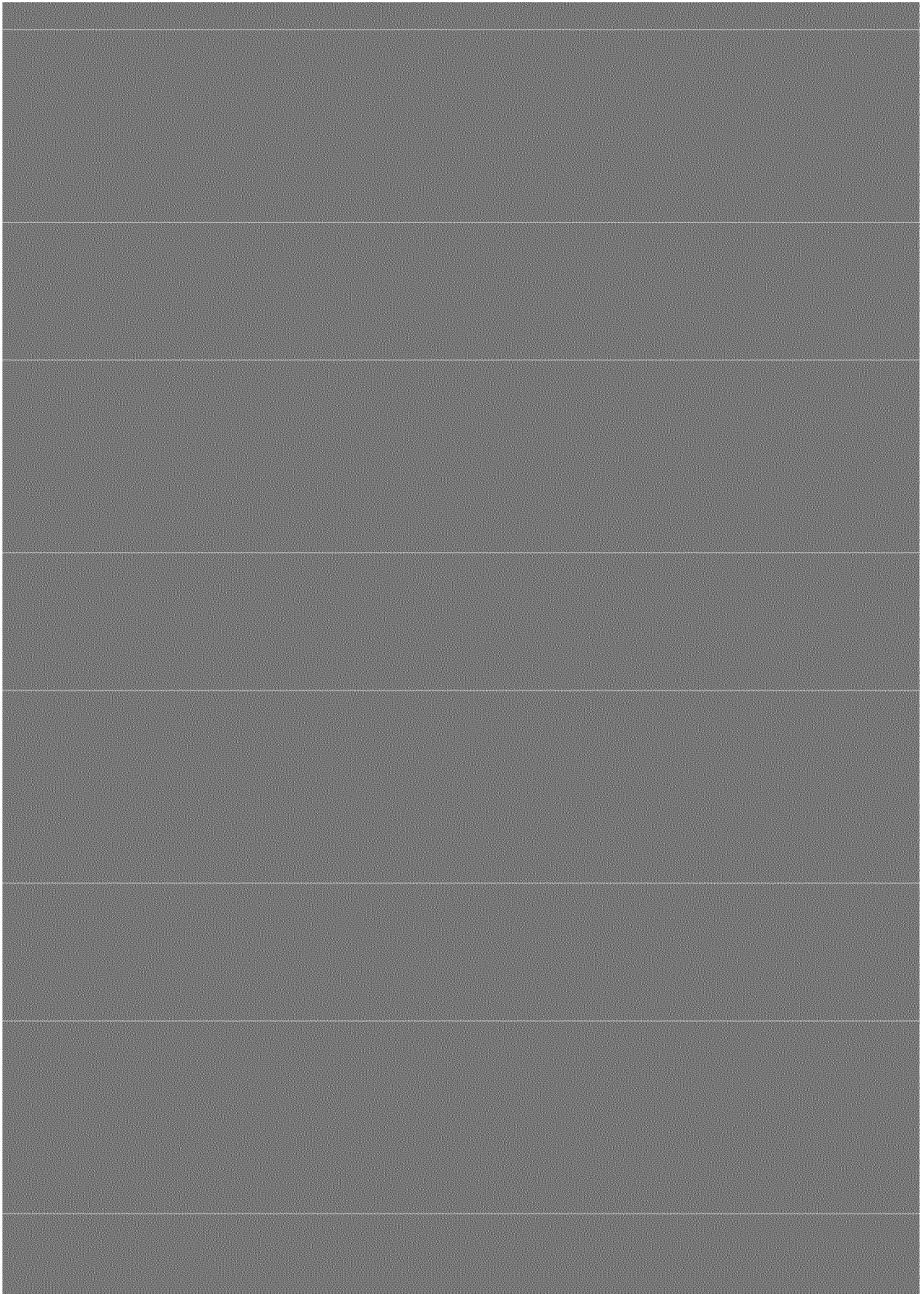


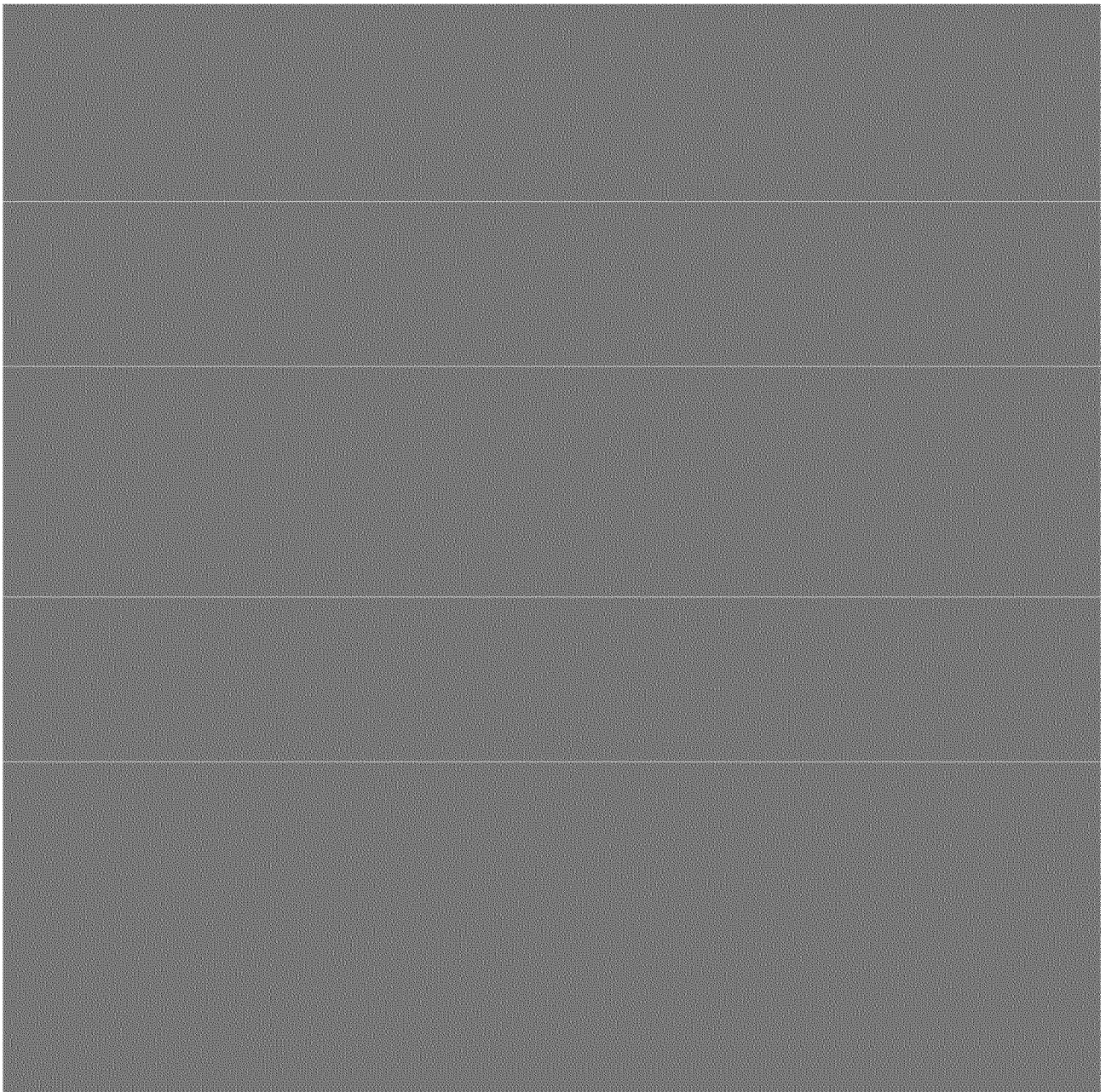
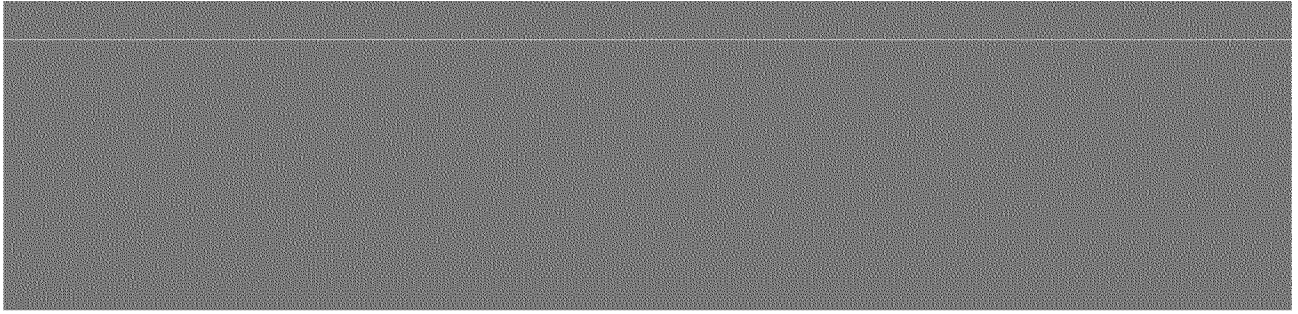


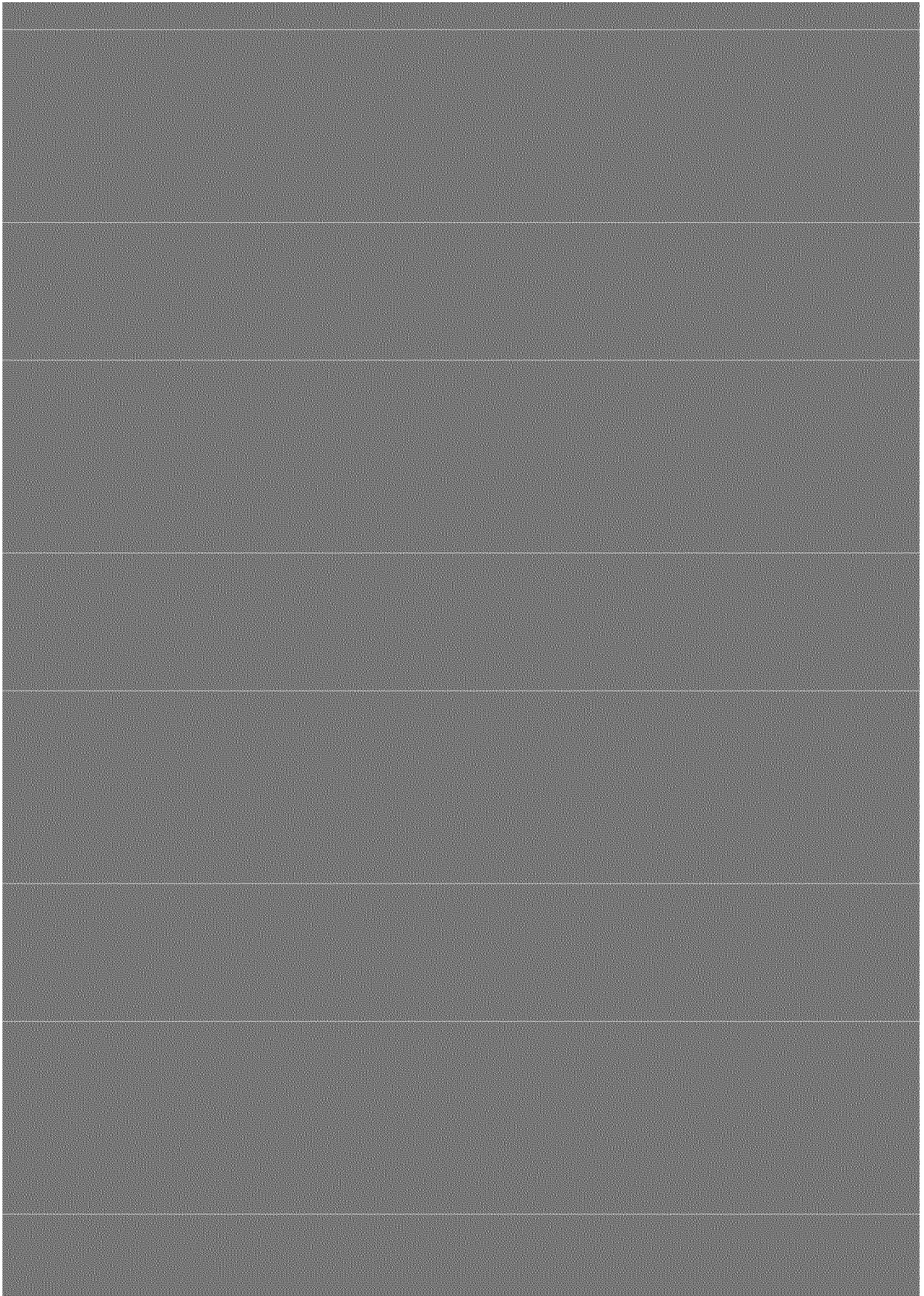


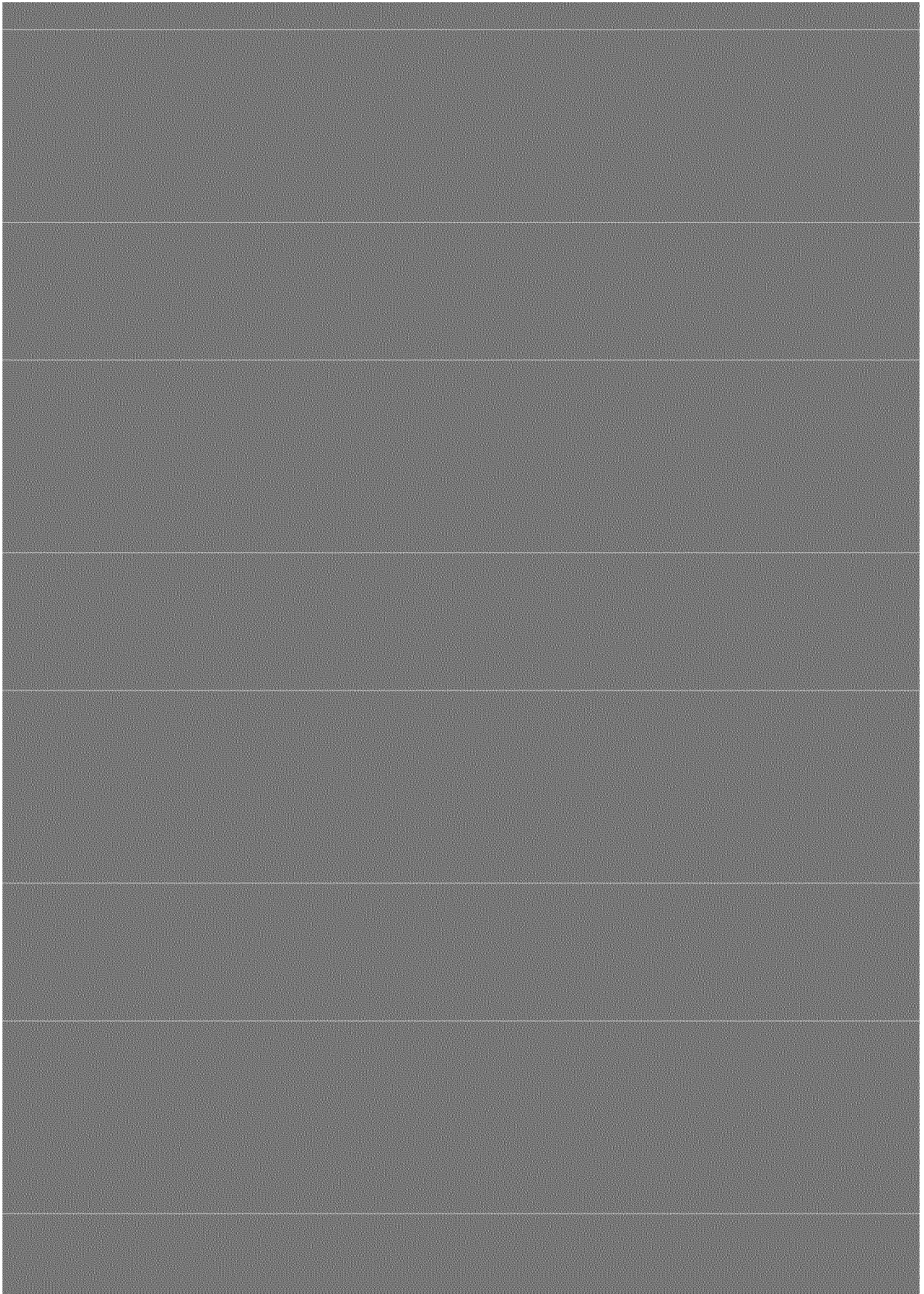




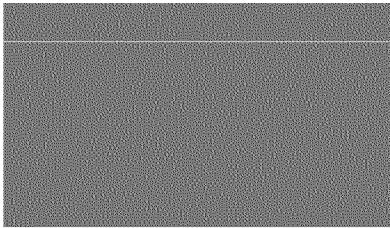




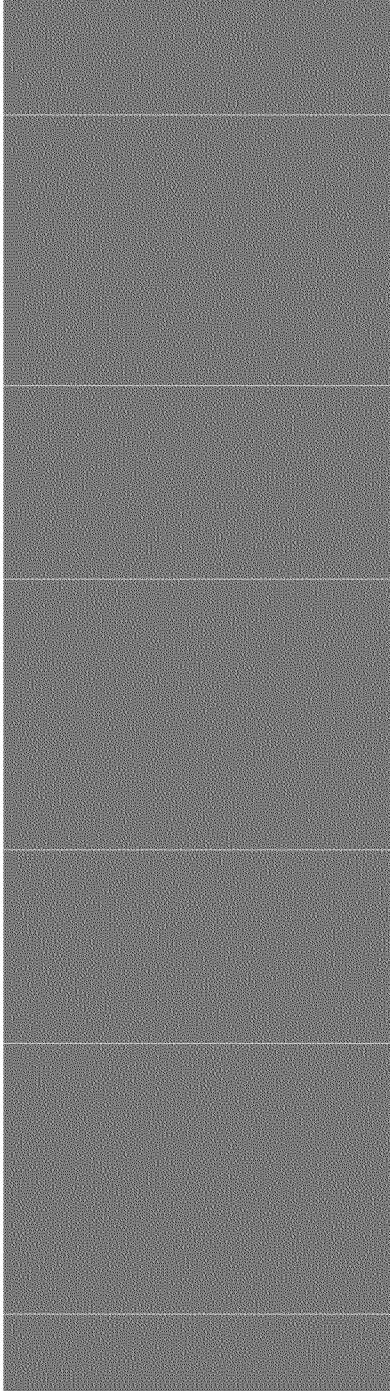


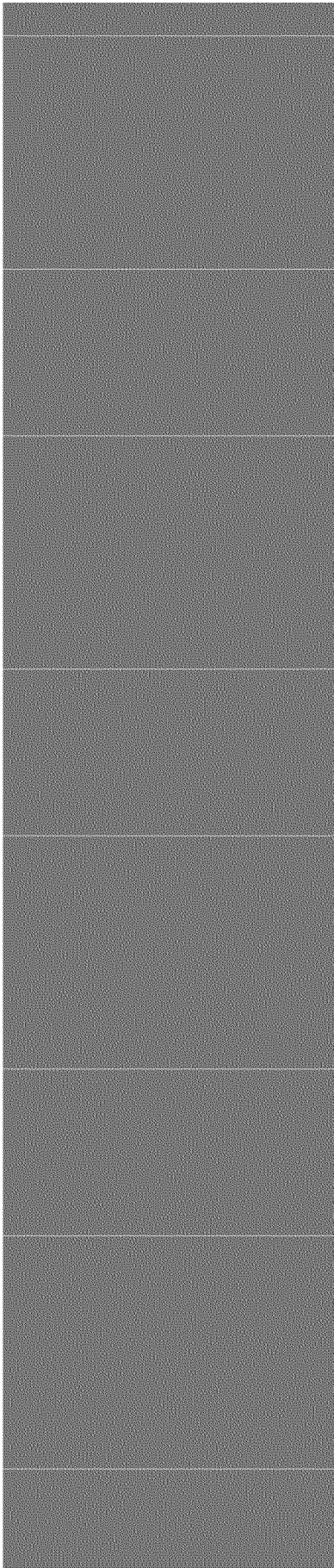


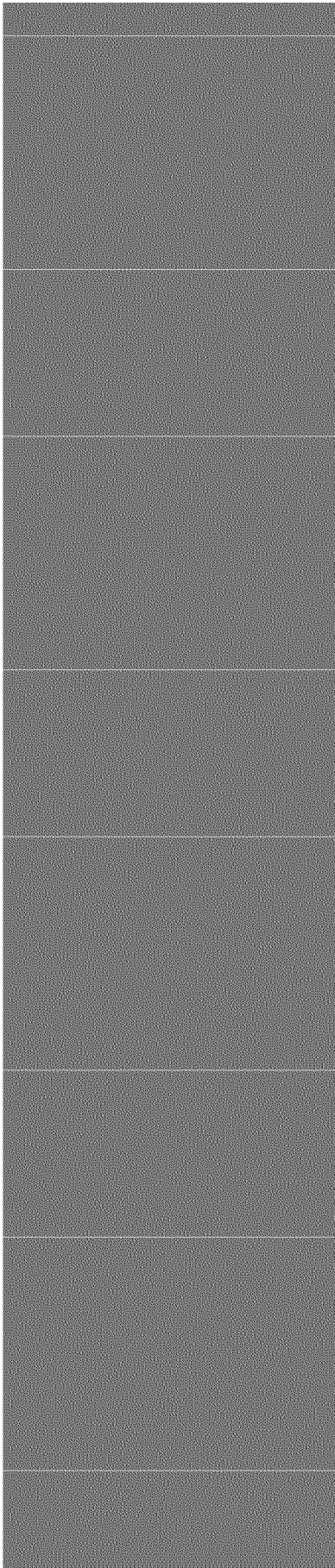


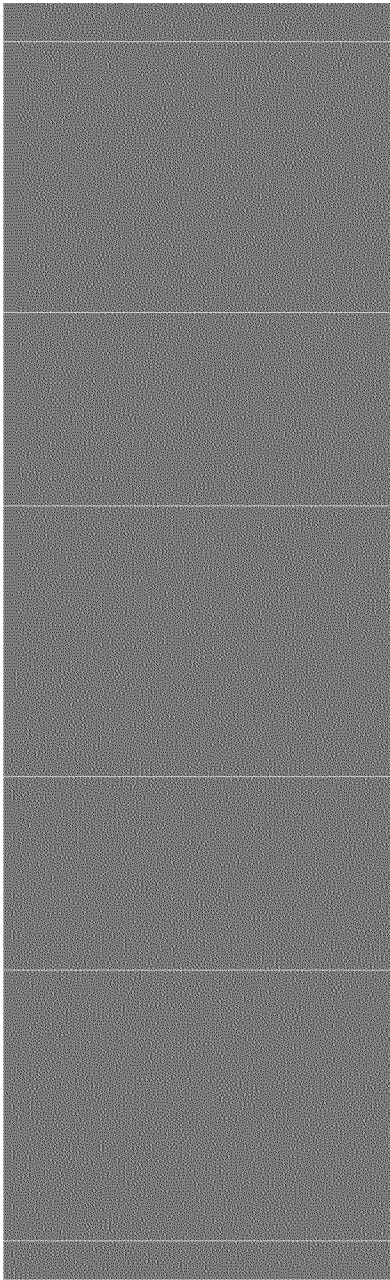


Oct	Nov	Dec
252	258	330
214	238	267
210	241	262



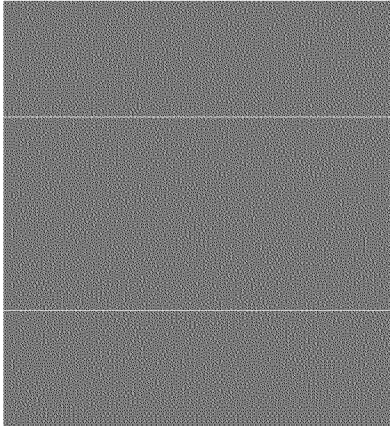


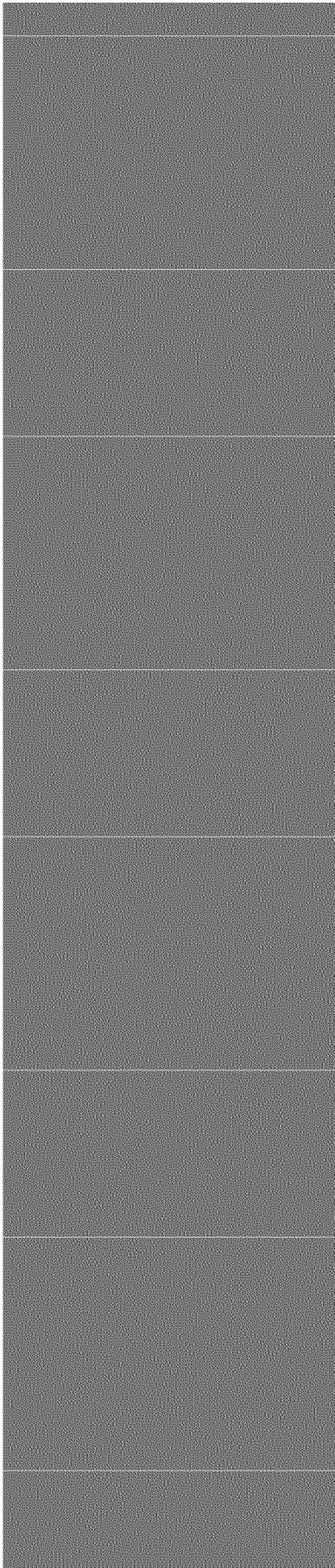


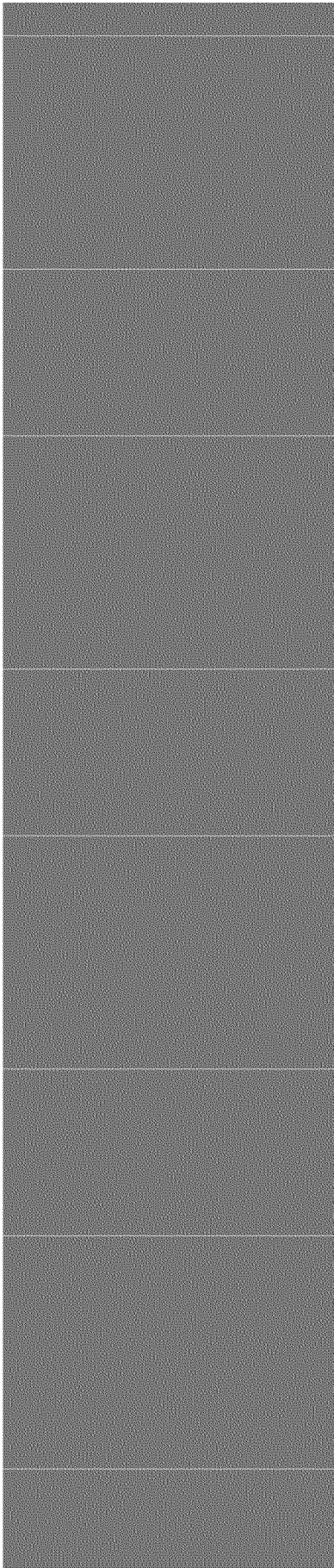


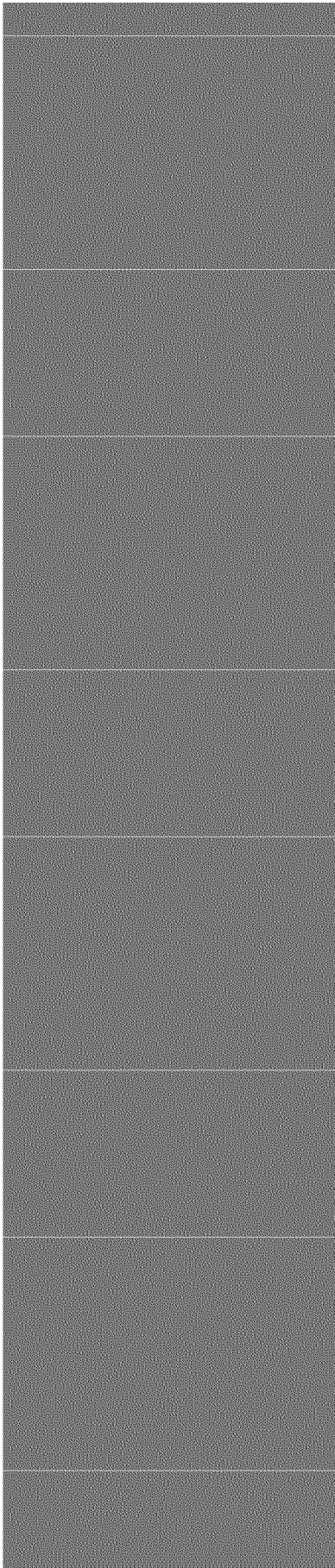
Oct	Nov	Dec
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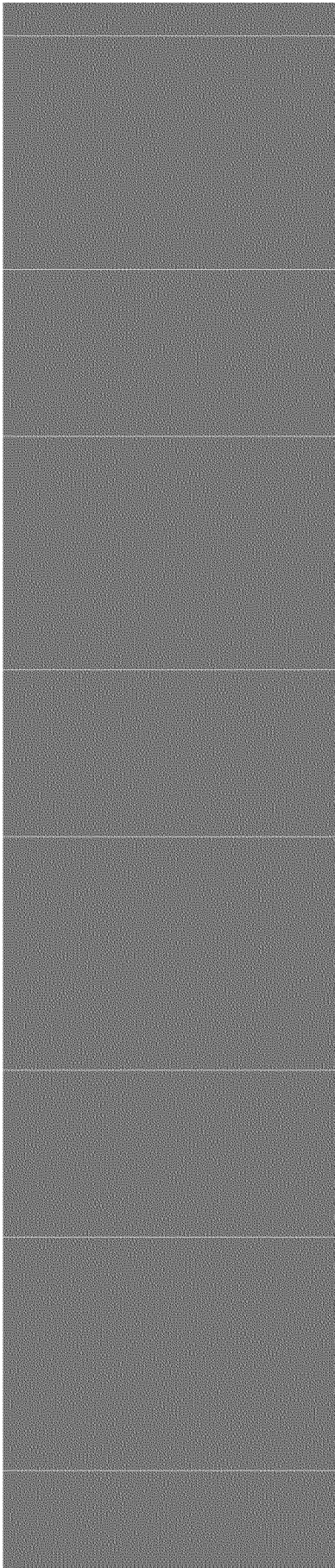
214	238	267
-----	-----	-----

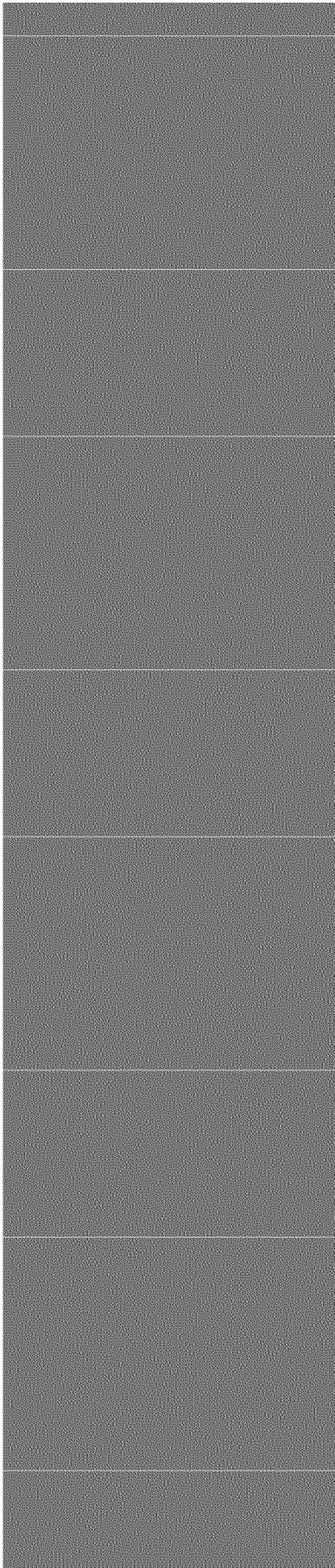


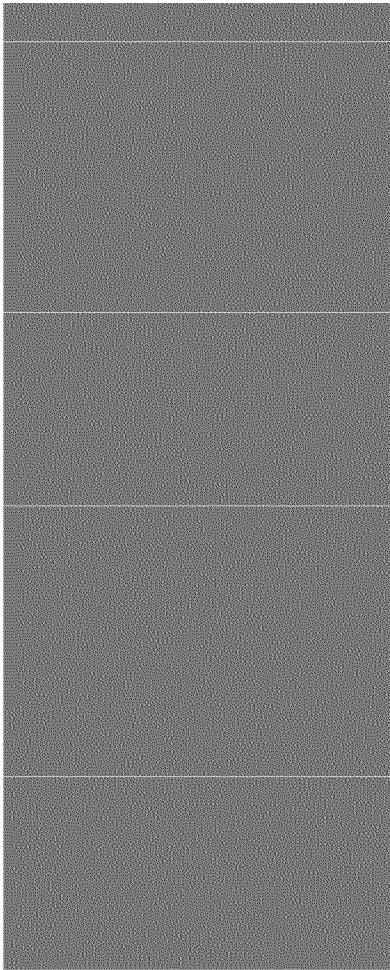




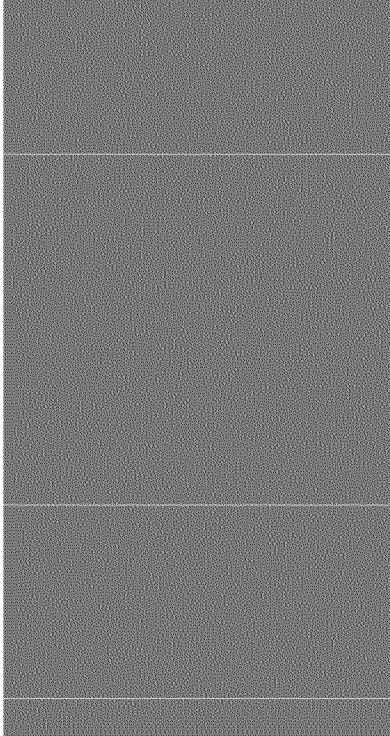


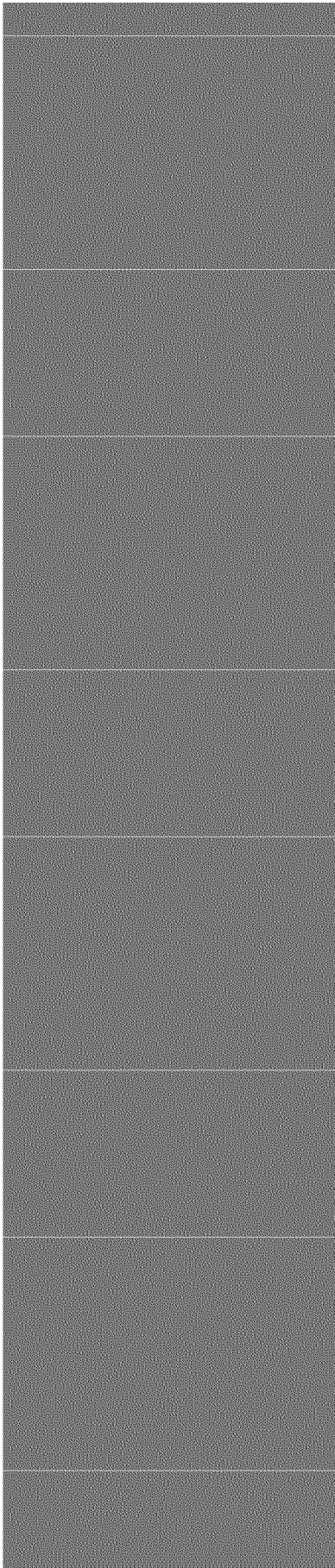


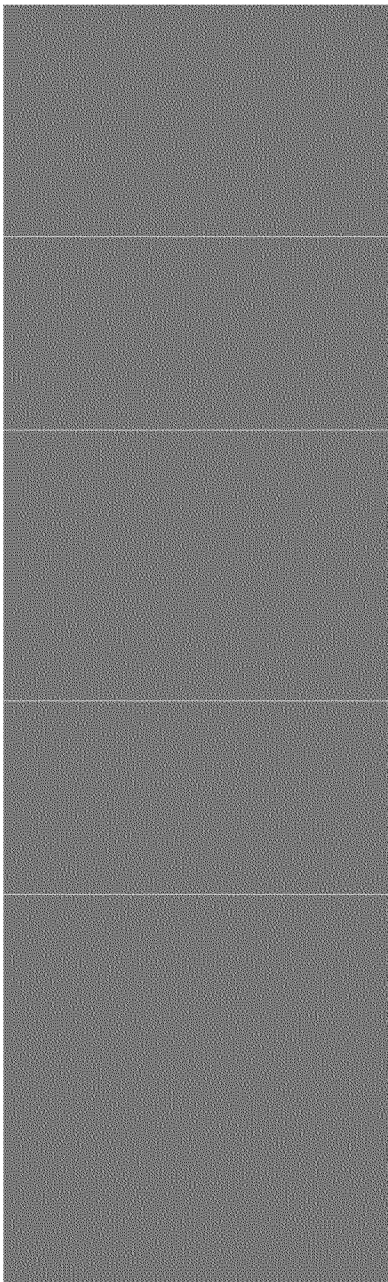
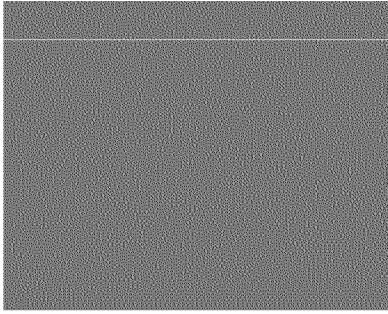


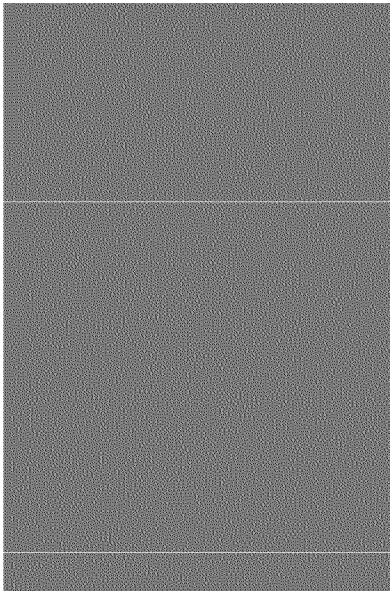


Oct	Nov	Dec
210	241	262



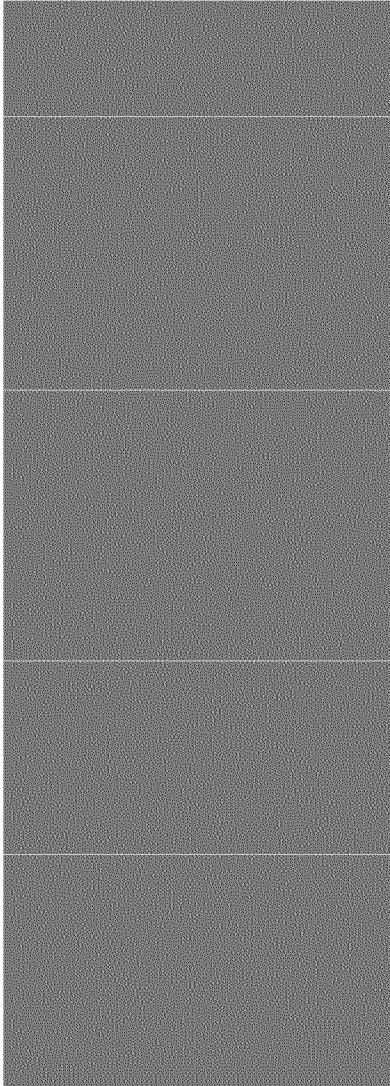


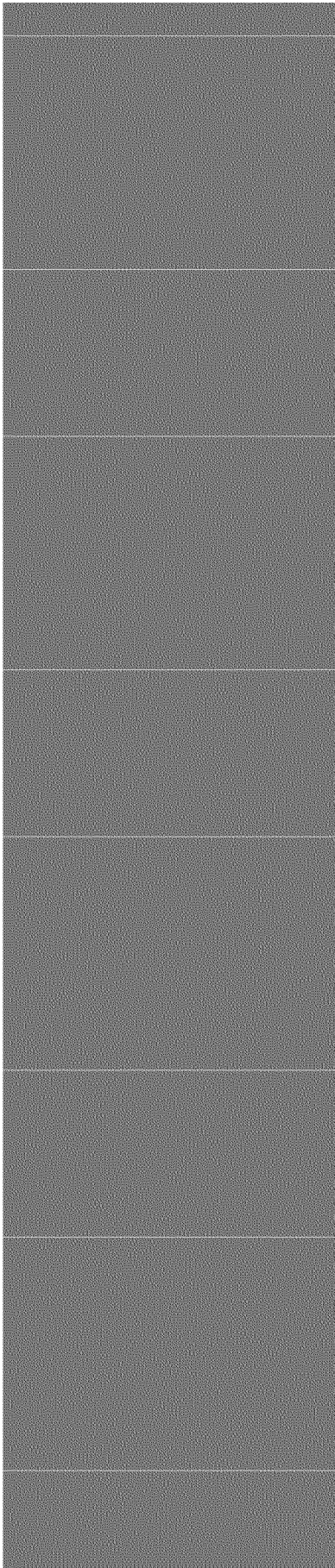


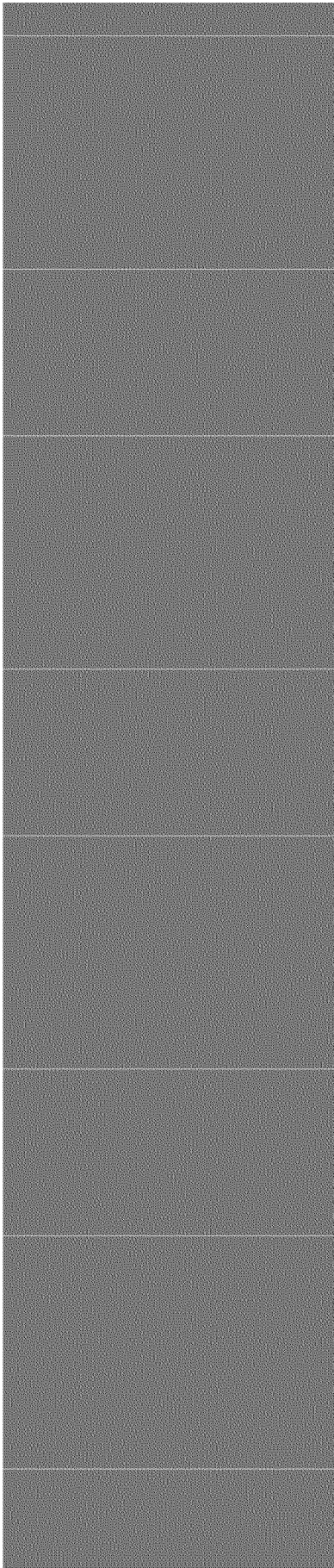


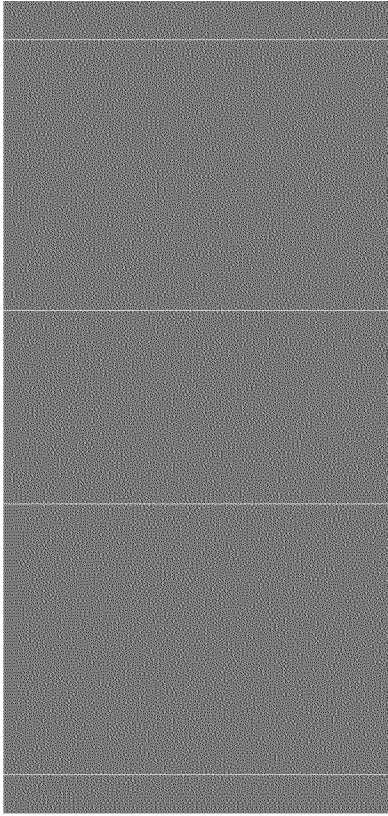
Oct	Nov	Dec
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194	242	288
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DATE	daily mean flow_CFS	ZN_DIS
01/16/91		530
02/18/91		620
09/05/91		380
09/06/91		370
09/07/91		310
09/09/91		260
09/10/91		270
10/21/91	75	400
04/30/92	512	400
05/26/92	865	220
06/23/92	965	240
06/24/92	955	290
06/25/92	905	160
06/25/92	905	260
07/23/92	430	240
08/19/92	134	360
09/24/92	121	370
10/14/92	85	480
10/15/92	83	510
10/22/92	83	470
06/15/93	2090	180
07/20/93	464	290
07/21/93	452	260
08/23/93	209	270
09/28/93	124	370
10/26/93	95	480
11/10/93	76	520
11/29/93	71	500
12/29/93	62	530
03/29/94	80	670
05/16/94	654	510
05/18/94	717	500
06/02/94	1720	300
06/27/94	677	200
07/18/94	173	300
07/26/94	155	360
09/28/94	143	370
11/09/94	107	560
11/09/94	107	550
01/18/95	74	680

	Jan.	Feb	Mar	Apr	May	June	July
Zn	Zn	Zn	Zn	Zn	Zn	Zn	Zn
530	620	670	400	220	240	240	
680	600		790	510	290	290	
540			853	500	210	260	
				270	180	300	
					300	360	
					200		
					543		
					280		

COLOR CODE: 1991 1992 1993 1994

All red font are averages of same day sample

02/07/95	86	600
02/07/95	86	600
04/12/95	129	-9
04/12/95	129	790
06/21/95	2120	735
06/21/95	2120	350
09/06/95	248	360
11/29/95	78	365
11/29/95	78	490
01/16/96	68	540
04/09/96	217	950
04/09/96	217	830
04/09/96	217	780
05/22/96	1390	270
06/18/96	661	280

DATE	daily mean flow_CFS	ZN_DIS
01/07/98	74	582
01/07/98	74	590
2/4/1998	74	600
2/4/1998	74	570
02/13/98	62	571
03/04/98	68	610
03/04/98	68	570
03/16/98	69	718
04/08/98	102	910
04/08/98	102	830
04/08/98	102	850
04/08/98	102	840
04/23/98	200	724
05/05/98	471	515
5/5/1998	471	530
05/07/98	368	570
05/07/98	368	540
05/29/98	1190	256
06/02/98	1460	239
6/2/1998	1460	228
06/10/98	632	200
06/10/98	632	260
06/10/98	632	240
06/25/98	1030	189
07/01/98	1060	220
07/01/98	1060	220
07/09/98	736	224
07/22/98	357	216
7/22/1998	357	232

Jan. Zn	Feb Zn	Mar Zn	Apr Zn	May Zn	June Zn	July Zn
586	585	590	858	523	234	220
725	571	718	724	555	233	224
559	650	715	583	256	189	224
779	529	598	557	1013	260	180
	610	634	694	419	210	374
	590	575	790	188	187	389
			690	523	215	212
			570	242	229	
			758		289	
			541		220	

COLOR CODE: 1998 1999 2000 2001

All red font are averages of same day sample

08/05/98	242	290
08/05/98	242	290
9/2/1998	214	240
9/2/1998	214	240
09/09/98	127	300
09/09/98	127	330
09/30/98	110	375
10/07/98	126	430
10/07/98	126	370
11/10/98	114	565
11/10/98	114	490
11/13/1998	114	453
12/02/98	98	600
12/02/98	98	540
01/06/99	63	740
01/06/99	63	710
02/04/99	54	640
02/04/99	54	660
02/19/99	58	529
03/03/99	54	710
03/03/99	54	720
04/07/99	100	586
04/07/99	100	580
4/8/1999	105	557
04/30/99	166	694
05/06/99	119	995
05/06/99	119	1030
6/3/1999	916	260
06/09/99	1340	220
06/09/99	1340	200
6/23/1999	1920	187
07/07/99	949	190
07/07/99	949	170
08/04/99	561	244
08/04/99	561	230
08/19/99	555	214
8/26/1999	406	308
09/01/99	557	245
09/01/99	557	220
10/06/99	168	594
10/06/99	168	500
11/03/99	104	704
11/03/99	104	690
11/30/1999	74	491
12/01/99	70	517
12/01/99	70	520
01/05/00	70	578

01/05/00	70	540
02/02/00	45	630
02/02/00	45	590
03/01/00	42	606
03/01/00	42	590
04/05/00	72	750
04/05/00	72	830
4/13/2000	196	690
4/25/2000	321	570
05/03/00	655	457
05/03/00	655	380
5/24/2000	1760	188
6/1/2000	1270	215
06/07/00	910	227
06/07/00	910	230
6/29/2000	306	289
07/05/00	211	377
07/05/00	211	370
7/19/2000	158	389
08/02/00	105	390
08/02/00	105	390
8/9/2000	95	373
8/18/2000	134	399
09/06/00	176	456
09/06/00	176	460
9/16/2000	119	308
10/04/00	135	533
10/04/00	135	590
11/01/00	117	560
11/01/00	117	550
11/7/2000	94	526
12/1/2000	74	532
12/06/00	69	578
12/06/00	69	550
01/03/01	75	828
01/03/01	75	710
01/03/01	75	847
01/03/01	75	730
02/07/01	54	620
02/07/01	54	560
03/14/01	47	624
03/14/01	47	644
3/20/2001	59	575
04/04/01	115	736
04/04/01	115	780
4/30/2001	500	541
05/02/01	638	516

05/02/01	638	530
5/30/2001	1230	242
06/06/01	1140	210
06/06/01	1140	230
07/06/01	648	194
07/06/01	648	230
08/01/01	332	261
08/01/01	332	290
8/10/2001	280	260
8/21/2001	223	341
09/05/01	116	351
09/05/01	116	360
10/03/01	77	424
10/03/01	77	430
11/1/2001	67	471
11/06/01	56	497
11/06/01	56	490
12/05/01	36	541
12/05/01	36	610

DATE	daily mean flow_CFS	ZN_DIS
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11/1/06#REF!		686
12/5/06#REF!		835
12/6/2006#REF!		460
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4/2/07#REF!		796
4/16/2007#REF!		782
5/11/2007#REF!		358

Jan. Zn	Feb Zn	Mar Zn	Apr Zn	May Zn	June Zn	July Zn
965	1110	1170	796	355	176	310
		972	782	230	250	240
			501	266	254	375
			864	448	249	198
			1010	490	206	259
			805	541	164	313
				147	207	338
				133	217	356
				597	264	351
				902		228
				510		

COLOR CODE: 2007 2008 2009 2010

All red font are averages of same day sample

5/11/2007#REF!	353
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5/16/2007#REF!	266
7/11/2007#REF!	324
7/11/2007#REF!	297
7/12/2007#REF!	240
7/18/2007#REF!	375
8/6/2007#REF!	290
9/5/07#REF!	570
10/4/2007#REF!	400
10/25/2007#REF!	567
11/6/2007#REF!	771
11/7/2007#REF!	751
11/7/2007#REF!	691
12/5/2007#REF!	787
05/07/08#REF!	508
5/7/2008#REF!	387
5/12/2008#REF!	490
5/14/2008#REF!	541
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6/3/2008#REF!	219
07/09/08#REF!	246
7/9/2008#REF!	232
8/5/2008#REF!	340
8/6/2008#REF!	290
8/14/2008#REF!	435
09/03/08#REF!	525
9/3/2008#REF!	486
10/6/2008#REF!	696
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11/7/2008#REF!	1047
12/2/2008#REF!	833
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6/10/2009#REF!	250
6/12/2009#REF!	254
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7/8/2009#REF!	280
7/8/2009#REF!	239
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8/12/2009#REF!	533
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9/16/2009#REF!	578	
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10/5/2009#REF!	611	
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11/4/2009#REF!	802	
11/5/2009#REF!	771	
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6/2/2010#REF!	206	
6/9/2010#REF!	164	
7/8/2010#REF!	388	
7/8/2010#REF!	323	
7/13/2010#REF!	310	
7/13/2010#REF!	392	
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11/3/2010#REF!	604	
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3/15/2011	972	
4/4/2011	117	1010
4/6/2011	139	805.3
5/4/2011	125	902
5/8/2011	397	510.2
6/7/2011	2100	207
6/14/2011		217
6/30/2011	1590	263.8
7/19/2011		228
8/1/2011	317	259.3
8/16/2011		467
8/31/2011	140	478
9/7/2011	114	498.7
9/7/2011	114	600
9/13/2011		590
10/7/2011	140	518.7
10/18/2011		549
11/2/2011	101	656

11/2/2011	591.1
11/10/2011	85 695
12/7/2011	716.6
1/5/2012	745.2
3/7/2012	778
4/3/2012	477
5/2/2012	293.6
5/7/2012	238.2
5/15/2012	288
5/15/2012	279
6/2/2012	198.8
8/6/2012	450
9/4/2012	521.5
10/2/2012	733
10/3/2012	636
10/4/2012	745
11/7/2012	743
12/10/2012	893.9
1/7/2013	818.1
2/7/2013	803
3/11/2013	1100.8
4/10/2013	906.3
4/16/2013	744
4/17/2013	890
4/18/2013	934
4/19/2013	936
4/20/2013	891
4/21/2013	868
4/22/2013	823
4/23/2013	752
4/24/2013	748
4/25/2013	740
4/26/2013	747
4/27/2013	679
4/28/2013	648
4/29/2013	563
4/30/2013	402
5/1/2013	479
5/2/2013	455
5/3/2013	358
5/4/2013	398
5/5/2013	354
5/6/2013	399
5/7/2013	414.6
5/7/2013	431
5/8/2013	465
5/9/2013	485

Jan. Zn	Feb Zn	Mar Zn	Apr Zn	May Zn	June Zn	July Zn
745.2	803	778	477	293.6	198.8	387
818.1	823.6	1100.8	906.3	238.2	285	442
697.8		844.4	744	283.5	263	435
			890	479	255	452
			934	455	267	465
			936	358	235.45	466
			891	398	228	436.8
			868	354	250	487
			823	399	235	500
			752	414.6	225	484
			748	431	231	481
			740	465	232	447
			747	485	263	461
			679	510	256	521
			648	504	274	515
			563	459	294	393
			402	358	313	457
			806.4	322	329	368
				244	324	227.4
				220	310	235
				246	333	293
				227	348	334
				258	341	328
				292	338	299
				270	350	
				244	347	
				222	344	
				236	371	
				224	385	
				221	395	
				221	402	
				246	204.75	
				265	261	
				286	272	
				272		
				646.8		
				453		
				590		
				387		
				340		

5/10/2013	510
5/11/2013	504
5/12/2013	459
5/13/2013	358
5/14/2013	369
5/14/2013	275
5/15/2013	244
5/16/2013	220
5/17/2013	246
5/18/2013	227
5/19/2013	258
5/20/2013	292
5/21/2013	270
5/22/2013	244
5/23/2013	222
5/24/2013	236
5/25/2013	224
5/26/2013	221
5/27/2013	221
5/28/2013	246
5/29/2013	265
5/30/2013	286
5/31/2013	272
6/1/2013	285
6/2/2013	263
6/3/2013	255
6/4/2013	267
6/5/2013	230.9
6/5/2013	240
6/6/2013	228
6/7/2013	250
6/8/2013	235
6/9/2013	225
6/10/2013	231
6/11/2013	232
6/12/2013	263
6/13/2013	256
6/14/2013	274
6/15/2013	294
6/16/2013	313
6/17/2013	329
6/18/2013	324
6/19/2013	310
6/20/2013	333
6/21/2013	348
6/22/2013	341
6/23/2013	338

COLOR CODE: 2012 2013

All red font are averages of s

6/24/2013	350
6/25/2013	347
6/26/2013	344
6/27/2013	371
6/28/2013	385
6/29/2013	395
6/30/2013	402
7/1/2013	387
7/2/2013	442
7/3/2013	435
7/4/2013	452
7/5/2013	465
7/6/2013	466
7/7/2013	402.6
7/7/2013	471
7/8/2013	487
7/9/2013	500
7/10/2013	484
7/11/2013	481
7/12/2013	447
7/13/2013	461
7/14/2013	521
7/15/2013	515
7/16/2013	393
7/17/2013	457
7/18/2013	368
8/4/2013	399.2
9/10/2013	498.3
10/2/2013	380.2
11/8/2013	534
12/13/2013	
1/8/2014	697.8
2/7/2014	823.6
3/5/2014	844.4
4/10/2014	806.4
5/1/2014	846.8
5/5/2014	487
5/13/2014	500
5/21/2014	387
5/27/2014	340
6/6/2014	100.5
6/6/2014	219
6/13/2014	258
6/23/2014	272
7/1/2014	227.4
7/2/2014	235
7/11/2014	202

7/20/2014	334
7/26/2014	333
7/30/2014	330
8/1/2014	258.6
9/5/2014	494.1
9/24/2014	462
10/2/2014	355.1
11/7/2014	531.2
12/5/2014	

dZn Verses Flow

Date	Flow	dZn
12/1/2009	58	768.6
1/11/07	61	965.4
2/17/2010	61	1110
12/3/2008	65	811.8
12/2/2008	66	833.2
11/17/2009	68	1120
3/17/2010	68	1170
3/17/2010	68	1230
12/5/2007	69	787.2
11/13/2009	71	844.3
12/7/2010	71	671.9
11/5/2009	72	770.6
11/4/2009	73	802
11/7/2008	85	1047.3
12/5/06	88	834.5
12/6/2006	88	460
9/9/2009	95	650
9/14/2010	98	762
9/14/2010	98	676
10/4/2010	99	628.8
11/2/2010	99	747
11/2/2010	99	754
11/3/2010	102	604
11/3/2010	102	564.1
10/5/2009	103	610.7
10/26/2009	103	920
4/2/07	104	795.8
8/18/2009	105	636
8/12/2009	109	533.3
10/6/2008	112	695.5
10/22/2008	112	830
9/22/2009	114	617
9/16/2009	116	611
9/16/2009	116	577.9
11/7/2007	119	751
11/6/2007	130	770.9
11/7/2007	130	691.4
9/6/06	138	581.7
9/6/2006	138	626
4/16/2007	150	782.2

5/11/2007	150	358
5/11/2007	150	352.7
5/15/2007	150	230
4/13/2010	171	864
4/13/2010	171	837
10/31/2006	178	638.2
11/1/06	178	625.4
11/1/2006	178	686
09/03/08	181	525
9/3/2008	181	485.5
8/14/2008	197	434.5
7/13/2010	199	310
8/10/2010	202	417.6
8/10/2010	202	453.2
10/25/2007	203	566.8
9/27/2006	214	530.9
5/4/2010	215	597.2
4/19/2006	229	779.724
7/8/2010	232	388
7/8/2010	232	323
7/13/2010	232	392
7/21/2009	235	337.5
8/10/2009	235	550
7/18/2007	279	374.5
8/5/2008	298	340.4
8/6/2008	298	290
8/2/06	301	352.1
8/16/2006	301	310
7/12/06	334	371.1
7/12/2006	334	366
5/10/06	342	446.5
5/10/06	342	472
5/24/2006	342	234.022
5/14/2008	357	540.8
7/14/2009	363	313
05/07/08	464	508
5/7/2008	464	387.3
5/12/2008	464	490
7/8/2009	508	280
7/8/2009	508	238.6
6/12/2009	521	253.8
4/29/2009	543	501.2
10/11/06	548	349.9
6/15/2009	626	249
8/6/2007	655	290.2
10/4/2007	655	400
9/5/07	655	570

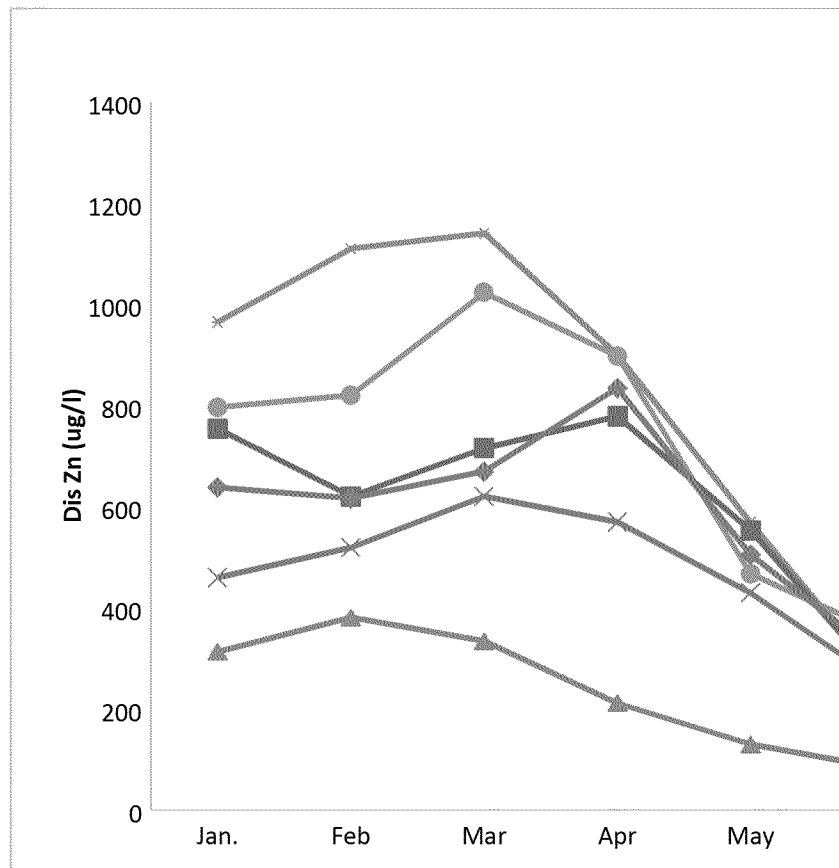
07/09/08	798	246
7/9/2008	798	231.9
5/16/2007	1140	266.3
7/11/2007	1140	324
7/11/2007	1140	296.7
7/12/2007	1140	240
6/6/06	1260	238.1
6/21/2006	1260	250
5/24/2006	1430	180
6/2/2010	1520	206
6/9/2010	1590	163.7
5/13/2009	1750	133
6/10/2009	1750	250
6/3/2008	1960	176.3
6/3/2008	1960	218.8
5/13/2009	2090	157
5/13/2009	2090	137.1

Aug	Sept	Oct	Nov	Dec
Zn	Zn	Zn	Zn	Zn
360	380	400	520	530
270	370	480	500	
	310	510	555	
	260	470	428	
	270	480		
	370			
	370			
	370			
	360			

1995	1996
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S

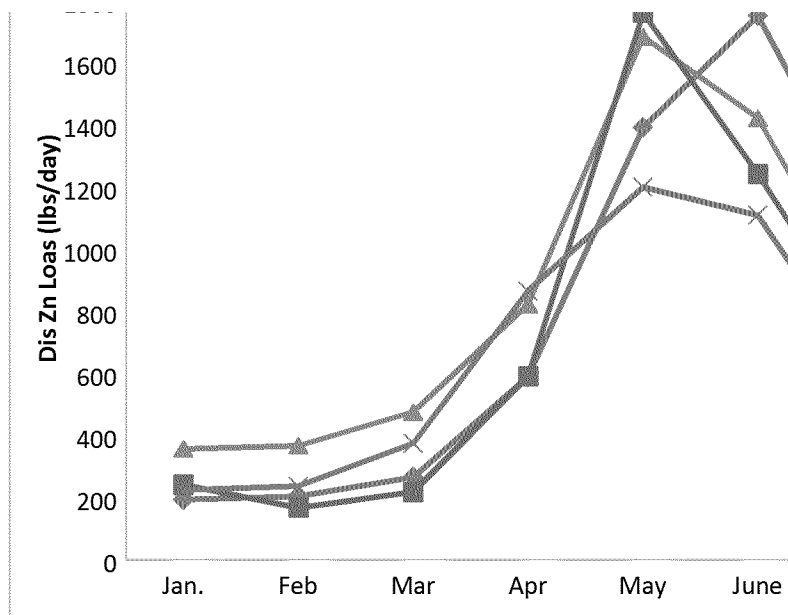
	Jan.	Feb	Mar
Ave. dZn 1991-mid 1996	583	610	670
85th dZn 1991-mid 1996	638	617	670
Ave. Hardness 1991 - mid 1996	218	200	320
Table Value Std 1991-mid 1996	246	228	349
Actual Std	460	520	620
Ave. monthly flows 1991-mid 1996 (cfs)	62	63	74
dZn Load 1991-mid 1996 lbs/day	194	206	266



C

2000
1800

■ ▲



Aug Zn	Sept Zn	Oct Zn	Nov Zn	Dec Zn
290	240	400	528	570
237	315	547	453	519
214	375	562	697	532
308	233	427	491	564
390	458		555	576
373	308		526	
399	356		471	
276			494	
260				
341				

	Jan.	Feb	Mar
Ave. dZn 1998-2001	688	590	648
85th dZn 1998-2001	755	620	716
Ave. Hardness 1998 - 2001	300	311	299
Table Value Std 1998-2001	329	340	328
Actual Std	460	520	620
Ave. monthly flows 1998-2001 (cfs)	65	53	63
dZn Load 1998-2001 lbs/day	242	168	218
Ratio of 85th dZn/TVS	2.29	1.82	2.18
Ratio of 85th dZn(1991-96)/TVS	2.59	2.71	1.92

Aug Zn	Sept Zn	Oct Zn	Nov Zn	Dec Zn
290	570	400	771	787
340	505	567	721	833
290	650	696	1047	812
435	594	830	802	769
550	617	611	771	672
533	762	920	844	717
636	549	629	1120	
435	590	519	747	
259		549	584	
467			624	
478			695	

	Dissolved Zn (ug/l) at A		
	Jan.	Feb	Mar
Ave. dZn 2007-2011	965	1110	1071
85th dZn 2007-2011	965	1110	1140
Ave. Hardness 2007-2011	284	352	305
Table Value Std 2007-2011	313	381	334
Actual Std	460	520	620
Ave. monthly flows 2007-2011 (cfs)	69	62	82
dZn Load 2007-2011 lbs/day	358	368	476
Ratio of 85th dZn/TVS	3.08	2.91	3.41

2011

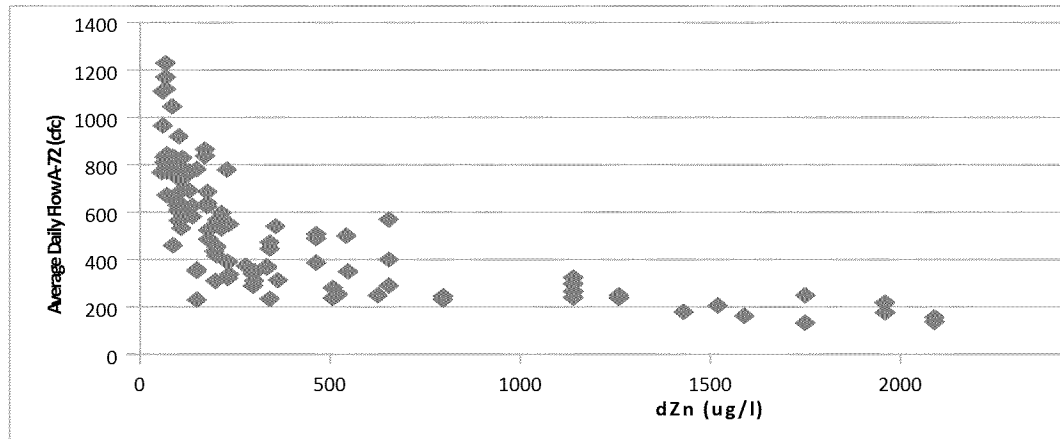
s

Aug Zn	Sept Zn	Oct Zn	Nov Zn	Dec Zn
450	521.5	733	743	893.9
399.2	498.3	636	534	
258.6	491.1	745	531.2	
	362	380.2		
		355.1		

	Dissolved Zn (ug/l) at A		
	Jan.	Feb	Mar
Ave. dZn 2012-2014	754	813	908
85th dZn 2012-2014	796	821	1024
Ave. Hardness 2007-2011	303	308	323
Table Value Std 2007-2011	332	337	352
Actual Std	460	520	620
Ave. monthly flows 2012-2014 (cfs)	56	54	77
dZn Load 2012-2014 lbs/day	226	237	375
Ratio of 85th dZn/TVS	2.40	2.43	2.91

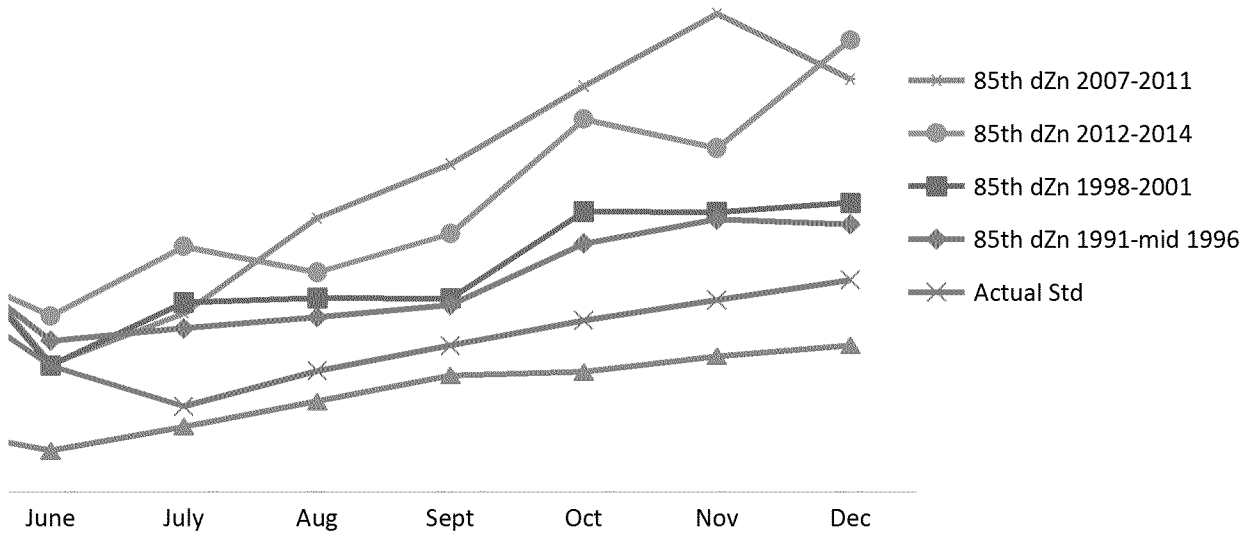
2014

ame day samples

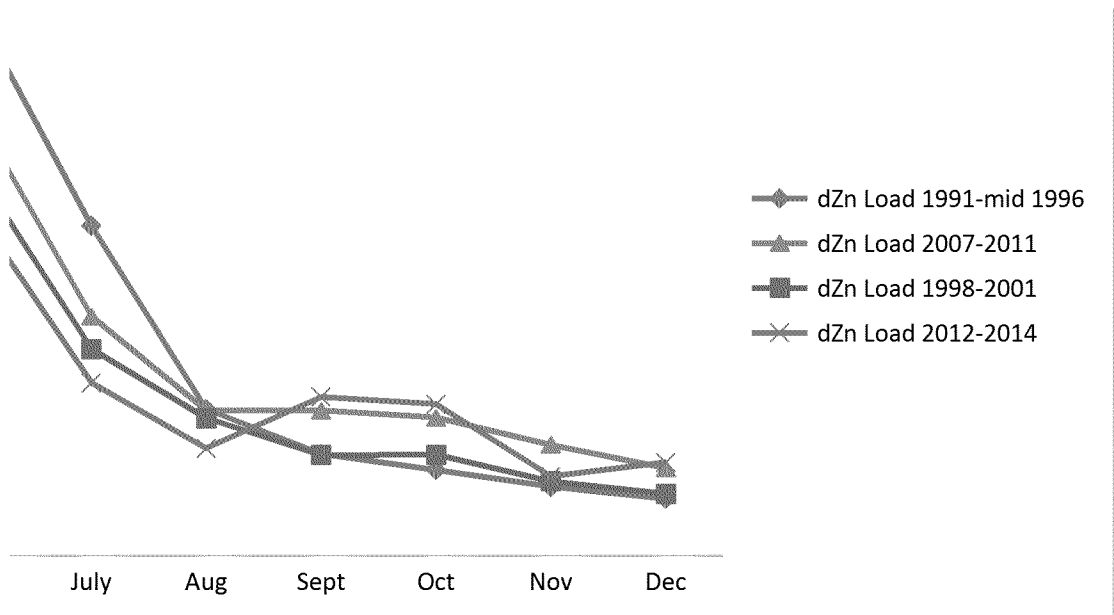


	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
	681	375	280	290	315	340	468	501	530
	834	506	300	324	347	370	492	539	530
	163	72	61	119	165	166	252	258	330
	189	90	77	142	191	192	280	286	359
	570	430	250	170	240	290	340	380	420
	160	688	1158	679	278	179	110	82	65
	588	1391	1750	1061	472	327	278	222	185

Dis Zn Conc. at A72



Dis Zn Load at A72



Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
656	456	226	267	311	341	512	527	548
779	553	251	375	384	383	555	554	572
203	103	69	96	144	158	214	238	267
231	124	87	117	168	184	242	267	296
570	430	250	170	240	290	340	380	420
167	715	1019	462	264	177	118	85	68
591	1759	1241	665	443	325	326	240	200
3.38	4.46	2.89	3.20	2.28	2.09	2.30	2.07	1.93
4.41	5.61	3.88	2.29	1.81	1.93	1.75	1.88	1.48

-72

Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
793	420	221	297	429	605	636	793	765
901	569	253	354	542	648	803	946	817
185	109	66	108	154	203	210	241	262
212	131	83	130	180	231	238	269	291
570	430	250	170	240	290	340	380	420
192	743	1194	481	203	143	130	84	68
822	1683	1421	770	469	468	445	358	282
4.24	4.36	3.06	2.72	3.01	2.81	3.37	3.51	2.81

-72

Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
753	345	293	413	369	468	570	603	894
898	467	348	486	435	511	738	680	894
191	89	99	153	151	191	194	242	288
218	109	120	179	177	218	222	271	317
570	430	250	170	240	290	340	380	420
213	644	703	250	174	203	159	79	62
865	1200	1110	556	346	512	488	255	301
4.12	4.29	2.89	2.72	2.46	2.34	3.33	2.51	2.82

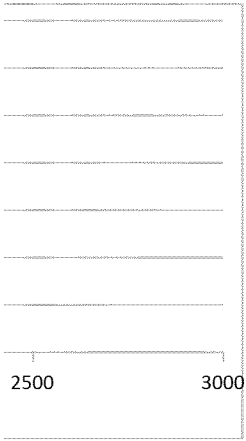
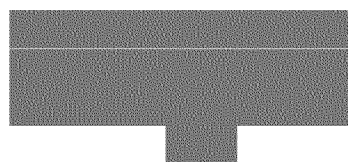


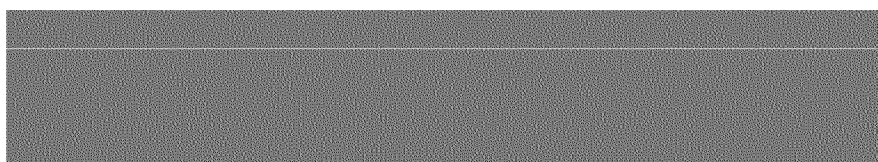


Table Value Std 2007-2011



DATE daily rMN_DIS
 flow_CFS

01/16/91	690.00
02/18/91	870.00
09/05/91	550.00
09/06/91	540.00
09/07/91	420.00
09/09/91	290.00
09/10/91	340.00
10/21/91	840.00
04/30/92	340.00
05/26/92	210.00
06/23/92	350.00
06/24/92	-9.00
06/25/92	240.00
06/25/92	360.00
07/23/92	280.00
08/19/92	440.00
09/24/92	550.00
10/14/92	880.00
10/15/92	940.00
10/22/92	960.00
06/15/93	160.00
07/20/93	-9.00
07/21/93	-9.00
08/23/93	440.00
09/28/93	710.00
10/26/93	770.00
11/10/93	800.00
11/29/93	870.00
12/29/93	1100.00
03/29/94	1200.00
05/16/94	450.00
05/18/94	430.00
06/02/94	250.00
06/27/94	280.00
07/18/94	430.00
07/26/94	490.00
09/28/94	670.00
11/09/94	1100.00
11/09/94	1100.00
01/18/95	1200.00

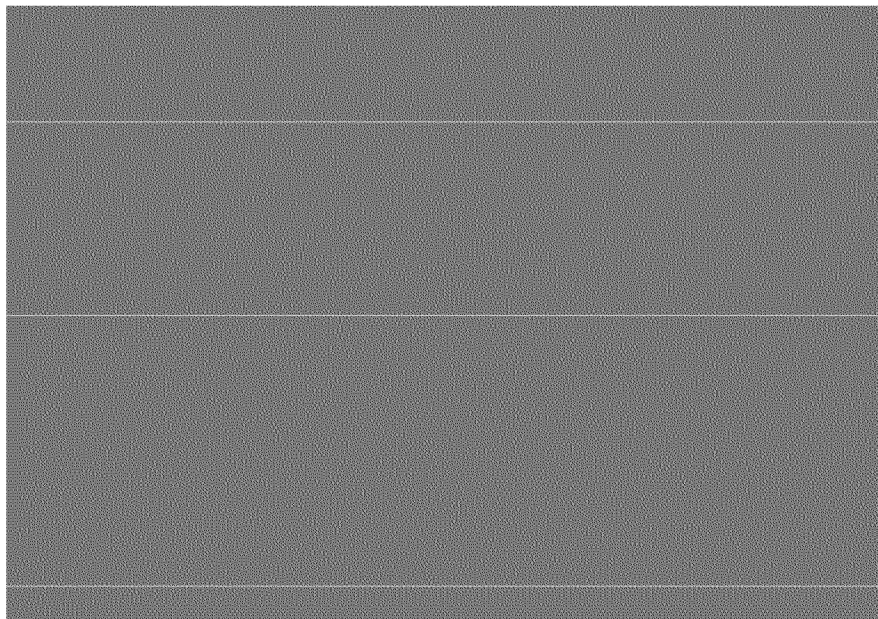


Jan.	Feb	Mar	Apr	May	June	July	Aug	Sept
Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn
690	870	1200	340	210	350	280	440	550
1200	910		1100	450	300	430	440	540
1100			1200	430	160	490		420
				250	250			290
					280			340
					110			550
					300			710
					420			670
								616

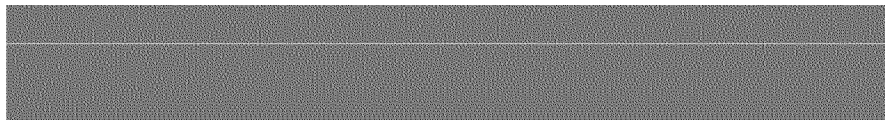
COLOR CODE:

1991 1992 1993 1994 1995 1996

All red font are same day sample averages



9/2/1998	570.00
9/2/1998	570.00
09/09/98	740.00
09/09/98	750.00
09/30/98	1104.41
10/07/98	1160.00
10/07/98	830.00
11/10/98	1220.00
11/10/98	1200.00
11/13/1998	1094
12/02/98	1570.00
12/02/98	1310.00
01/06/99	2610.00
01/06/99	1740.00
02/04/99	2140.00
02/04/99	1750.00
02/19/99	1636.87
03/03/99	2050.00
03/03/99	1850.00
04/07/99	1370.00
04/07/99	1370.00
4/8/1999	1365.6
04/30/99	1597.80
05/06/99	2030.00
05/06/99	2130.00
6/3/1999	344.39
06/09/99	260.00
06/09/99	230.00
6/23/1999	224.80
07/07/99	260.00
07/07/99	260.00
08/04/99	380.00
08/04/99	380.00
08/19/99	446.32
8/26/1999	526.3
09/01/99	420.00
09/01/99	390.00
10/06/99	1070.00
10/06/99	
11/03/99	1380.00
11/03/99	1380.00
11/30/1999	1294.6
12/01/99	1380.00
12/01/99	1420.00
01/05/00	1650.00
01/05/00	1740.00
02/02/00	1730.00



02/02/00	1640.00
03/01/00	1700.00
03/01/00	1750.00
04/05/00	1890.00
04/05/00	1910.00
4/13/2000	1309.6
4/25/2000	1010
05/03/00	470.00
05/03/00	420.00
5/24/2000	201.15
6/1/2000	252
06/07/00	280.00
06/07/00	293.00
6/29/2000	533
07/05/00	600.00
07/05/00	630.00
7/19/2000	722
08/02/00	940.00
08/02/00	970.00
8/9/2000	984.79
8/18/2000	974
09/06/00	1030.00
09/06/00	1060.00
9/16/2000	999
10/04/00	1180.00
10/04/00	1220.00
11/01/00	1250.00
11/01/00	1240.00
11/07/00	1335.00
12/01/00	1400.00
12/06/00	1590.00
12/06/00	1510.00
01/03/01	2410.00
01/03/01	2200.00
01/03/01	
01/03/01	
02/07/01	1760.00
02/07/01	1670.00
03/14/01	1860.00
03/14/01	1920.00
3/20/2001	1790
04/04/01	1690.00
04/04/01	1890.00
4/30/2001	761
05/02/01	570.00
05/02/01	610.00
5/30/2001	316.35

06/06/01	260.00
06/06/01	290.00
07/06/01	320.00
07/06/01	375.00
08/01/01	500.00
08/01/01	566.00
8/10/2001	682.116
8/21/2001	901
09/05/01	820.00
09/05/01	913.00
10/03/01	1110.00
10/03/01	1160.00
11/1/2001	1167.99
11/06/01	1080.00
11/06/01	1150.00
12/05/01	1330.00
12/05/01	1460.00

DATE	daily rMN_DIS flow_CFS
4/5/06	2849.6
4/19/2006	1806
5/10/06	834.9
05/10/2006	905
5/24/2006	270
5/24/2006	316.8
6/6/06	357.2
6/21/2006	500
7/12/06	774.7
07/12/2006	708
8/2/06	680.2
8/16/2006	860
9/6/06	1324.1
09/06/2006	1420
9/27/2006	1062
10/11/06	639.6
10/31/2006	1456
11/1/06	1420.3
11/01/2006	1530
12/5/06	1776.3
12/6/2006	1600
1/11/07	2449.1
4/2/07	2070.7
4/16/2007	1814
05/11/2007	737
5/11/2007	658.3
5/15/2007	360

Jan.	Feb	Mar	Apr	May	June	July	Aug	Sept
Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn
2449	2710	2880	2071	698	271	600	589	1380
		2340	1814	360	430	614	750	1094
			846	378	383	480	640	1302
			1770	845	450	691	847	1491
			2070	940	241	444	1200	1370

5/16/2007	378.3
07/11/2007	600
7/11/2007	614.2
7/12/2007	480
7/18/2007	691.1
8/6/2007	589.4
09/05/2007	1380
10/4/2007	830
10/25/2007	1215.5
11/6/2007	1387
11/07/2007	1550
11/7/2007	1629.7
12/5/2007	1944.1
05/07/08	930.00
5/7/2008	760.4
5/12/2008	940
5/14/2008	988.5
6/3/2008	254
6/3/2008	288.2
07/09/08	467.00
7/9/2008	420.2
8/5/2008	86 750.1
8/6/2008	640
8/14/2008	846.7
09/03/08	1115.00
9/3/2008	1072.9
10/6/2008	1529
10/22/2008	1800
11/7/2008	2557.3
12/2/2008	1895
12/3/2008	1952
4/29/2009	845.8
5/13/2009	212
5/13/2009	211.7
5/18/2009	219
6/10/2009	430
6/12/2009	382.8
6/16/2009	450
7/8/2009	496
7/8/2009	472.3
7/14/2009	603
7/21/2009	712.1
8/10/2009	1200
8/12/2009	636 1230.6
8/18/2009	1420
9/9/2009	1302
9/16/2009	1460

1825.2	989	265	484	1231	1475
	212	283	603	1420	1044.2
	219	305	712	945	1290
	1127	366.2	661	520.8	
	2090		648	923	
	943.7		405	283	

	COLOR CODE:	2007	2008	2009	2010	2011
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	All red font are averages of same day samples

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9/16/2009		1522.1
9/22/2009	85	1370
10/5/2009		1507.7
10/26/2009		2000
11/4/2009		1780.00
11/5/2009	30	2102.5
11/13/2009		1673
11/17/2009		2490
12/1/2009		2285.1
2/17/2010	17.9	2710
3/17/2010		2880
4/13/2010	576	1770
5/4/2010		1127
6/2/2010	33	241
6/9/2010		265.4
7/8/2010		696.00
7/8/2010		625.2
7/13/2010		560
7/13/2010		736
8/10/2010		995.1
8/10/2010		895.3
9/14/2010		1590
9/14/2010		1360
10/4/2010		1448.2
11/2/2010		1690
11/3/2010		1400.00
11/3/2010		1305.8
12/7/2010		1827.7
3/15/2011		2340
4/4/2011		2070
4/6/2011		1825.2
5/4/2011		2090
5/8/2011		943.7
6/7/2011		283
6/14/2011		305
6/30/2011		366.2
7/19/2011		405
8/1/2011		520.8
8/16/2011		923
8/31/2011		908
9/7/2011		998.4
9/7/2011		1090
9/13/2011		1290
10/7/2011		1140.4
10/18/2011		1180
11/2/2011		1490
11/2/2011		1361.4



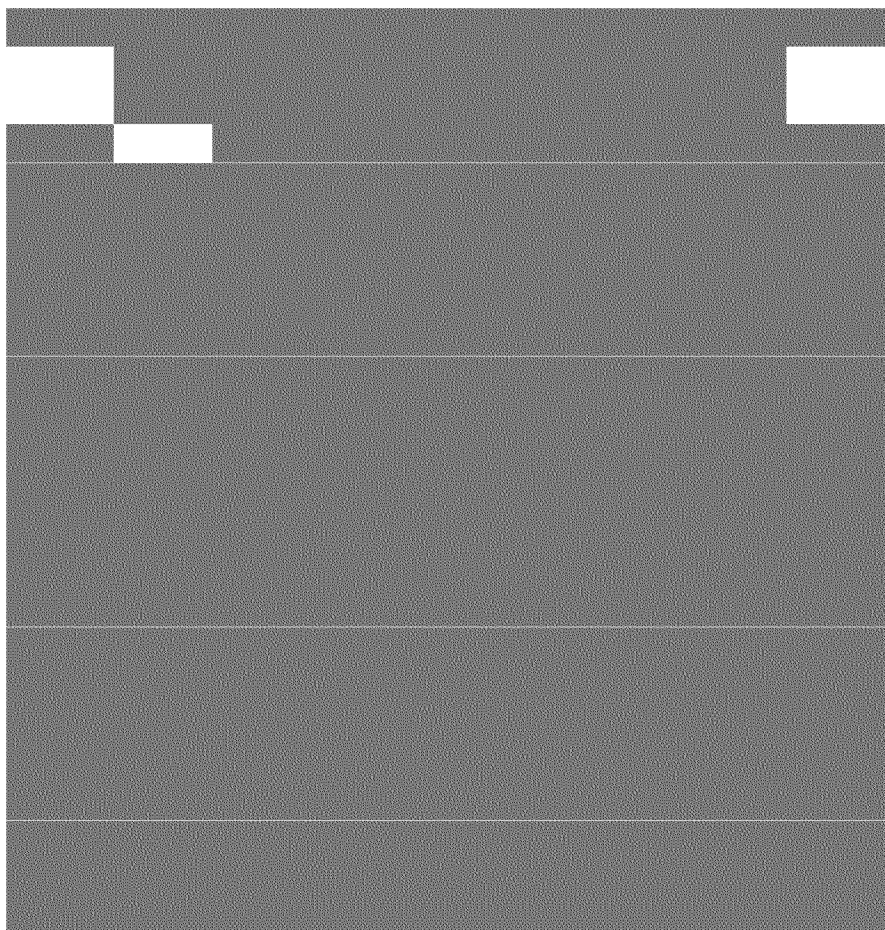
11/10/2011	1550
12/7/2011	1789.5
1/5/2012	1865
3/7/2012	1931
4/3/2012	866
5/2/2012	512
5/7/2012	332
5/15/2012	47
5/15/2012	46
6/2/2012	432
8/6/2012	1083
9/4/2012	1121
10/2/2012	1580
10/3/2012	1354
10/4/2012	1660
11/7/2012	1750
12/10/2012	1935
1/7/2013	2087
2/7/2013	1991
3/11/2013	3200
4/10/2013	2364
4/16/2013	
4/17/2013	
4/18/2013	
4/19/2013	
4/20/2013	
4/21/2013	
4/22/2013	
4/23/2013	
4/24/2013	
4/25/2013	
4/26/2013	
4/27/2013	
4/28/2013	
4/29/2013	
4/30/2013	
5/1/2013	
5/2/2013	
5/3/2013	
5/4/2013	
5/5/2013	
5/6/2013	
5/7/2013	715
5/7/2013	
5/8/2013	
5/9/2013	
5/10/2013	

Jan.	Feb	Mar	Apr	May	June	July	Aug	Sept
Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn
1865	1991	1931	866	512	432	849	1083	1121
2087	2127	3200	2364	332	376	411	872	1266
1876		2193	2047	471	264		671	1136
				715				863
				478				
				1396				
				823				

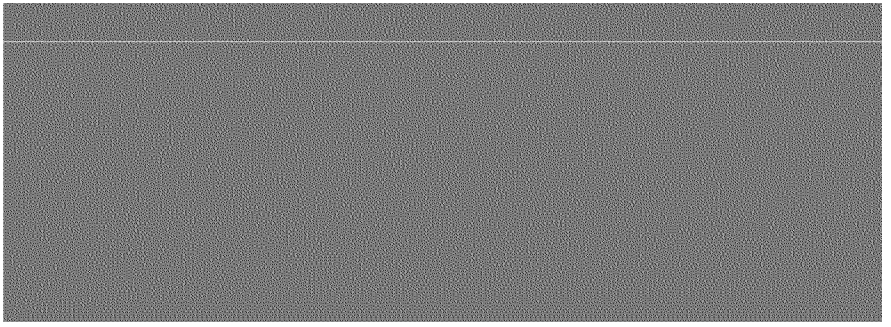
COLOR CODE:

2012 2013 2014

All red font are averages of same day samples

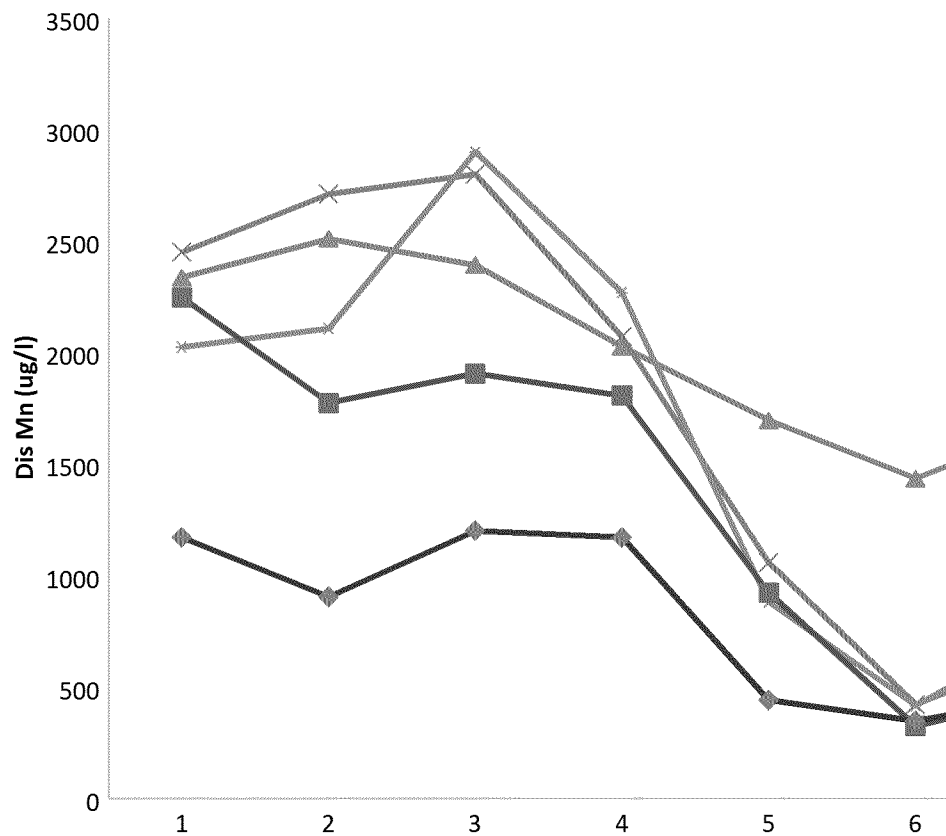


7/26/2014	
7/30/2014	
8/1/2014	671
9/5/2014	1000
9/24/2014	700
10/2/2014	743
11/7/2014	1248.8
12/5/2014	



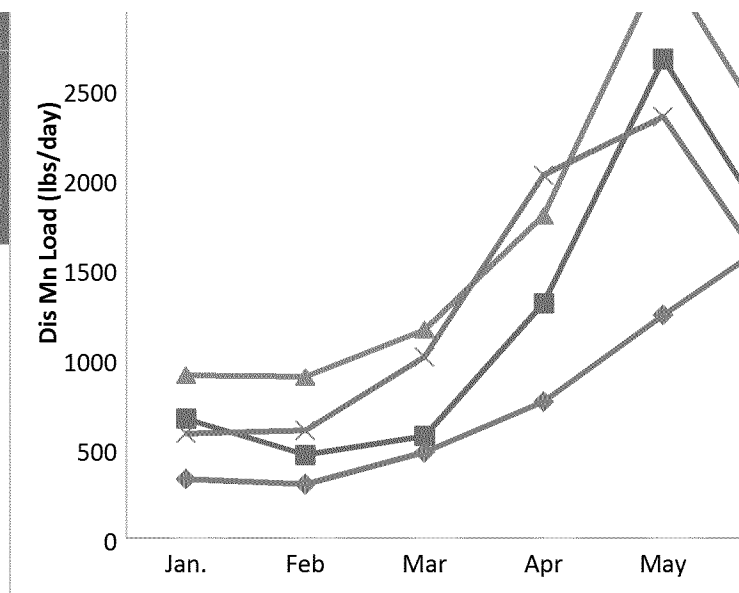
Oct	Nov	Dec		Jan.	Feb	Mar	Apr	May
Mn	Mn	Mn						
840	800	1100	Ave. dZn 1991-mid 1996	997	890	1200	880	335
880	870		85th dMn 1991-mid 1996	1170	904	1200	1170	441
940	1100		Ave. Hardness 1991-mid 1996	218	200	320	163	72
960	955		TVS Std. 1991-mid 1996	2139	2078	2430	1941	1480
770	1000							
			Ave. monthly flows	62	63	74	160	688
			1991-mid 1996 (cfs)					
			dMn Load 1991-mid 1996	331	300	477	760	1243
			lbs/day					

Di

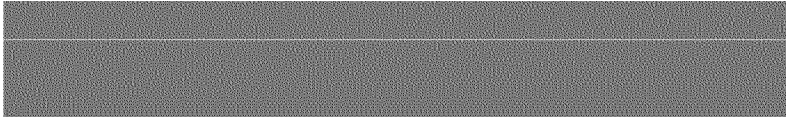


3500
3000





Oct	Nov	Dec		Jan.	Feb	Mar	Apr	May
Mn	Mn	Mn						
995	1210	1440	Ave. dZn 1998-2001	1896	1627	1687	1451	692
1070.00	1094	1400	85th dMn 1998-2001	2247	1773	1905	1806	924
1200	1380	1400	Ave. Hardness 1998-2001	300	311	299	203	103
1135	1295	1550	TVS Std. 1998-2001	2379	2407	2375	2088	1664
	1245	1395						
	1335		Ave. monthly flows	65	53	63	167	715
	1168		1998-2001 (cfs)					
	1115							
			dMn Load 1998-2001	666	463	569	1307	2666
			lbs/day					



Oct	Nov	Dec	
Mn	Mn	Mn	
830	1387	1944	Ave. dMn 2007-2011
1216	1590	1895	85th Mn 2007-2011
1529	2557	1952	Ave. Hardness 2007-2011
1800	1780	2285	TVS Std. 2007-2011
1508	2103	1828	

Jan.	Feb	Mar	Apr	May
2449	2710	2610	1733	800
2449	2710	2799	2070	1058
284	352	305	185	109
2335	2509	2392	2026	1695

2000	1673	1789.5	Ave. monthly flows	69	62	82	192	743
1448	2490		2007-2011 (cfs)					
1140.4	1690							
1180	1353		dMn Load 2007-2011	907	899	1159	1796	3206
	1425.7		lbs/day					
	1550							

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

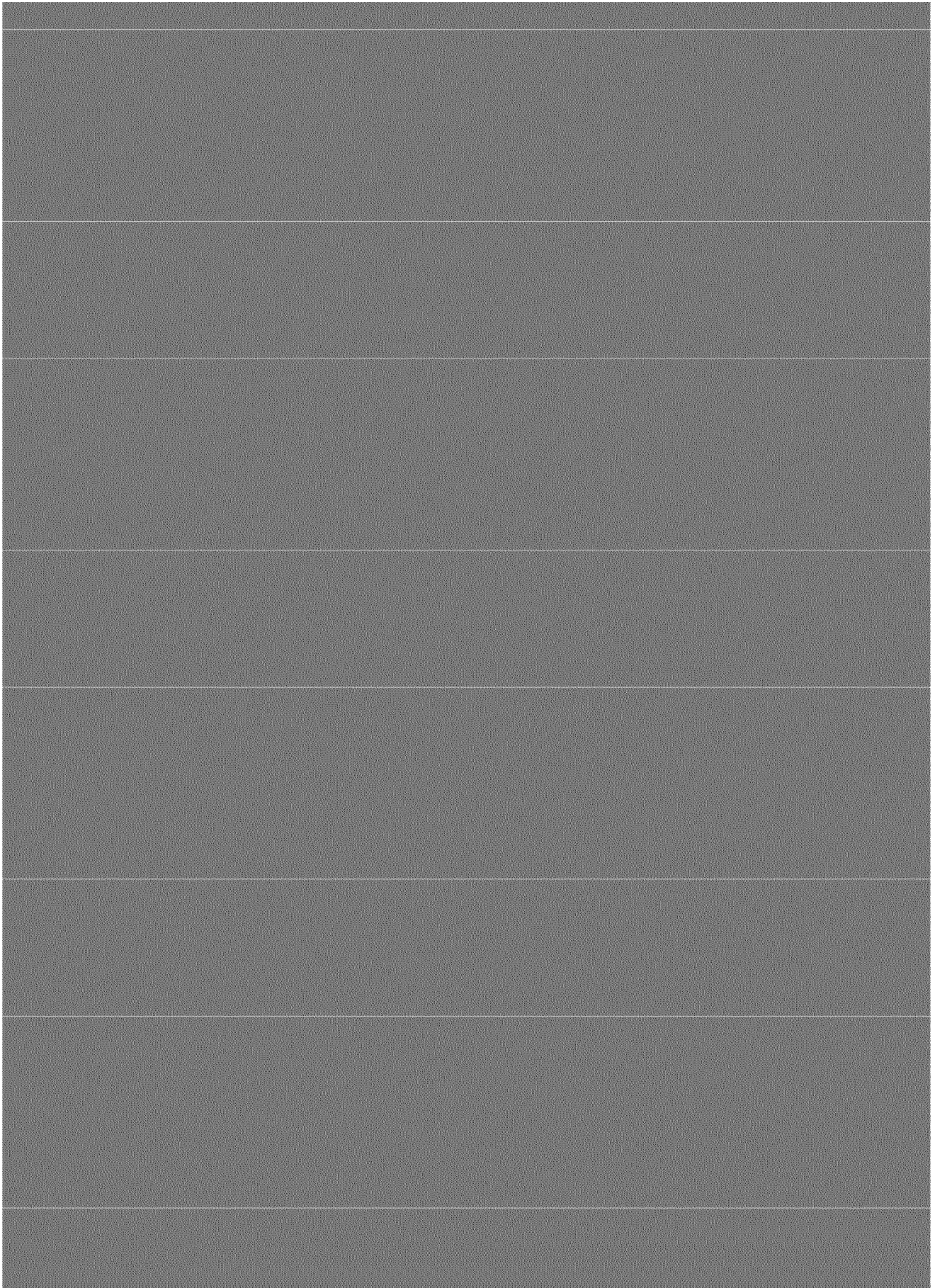
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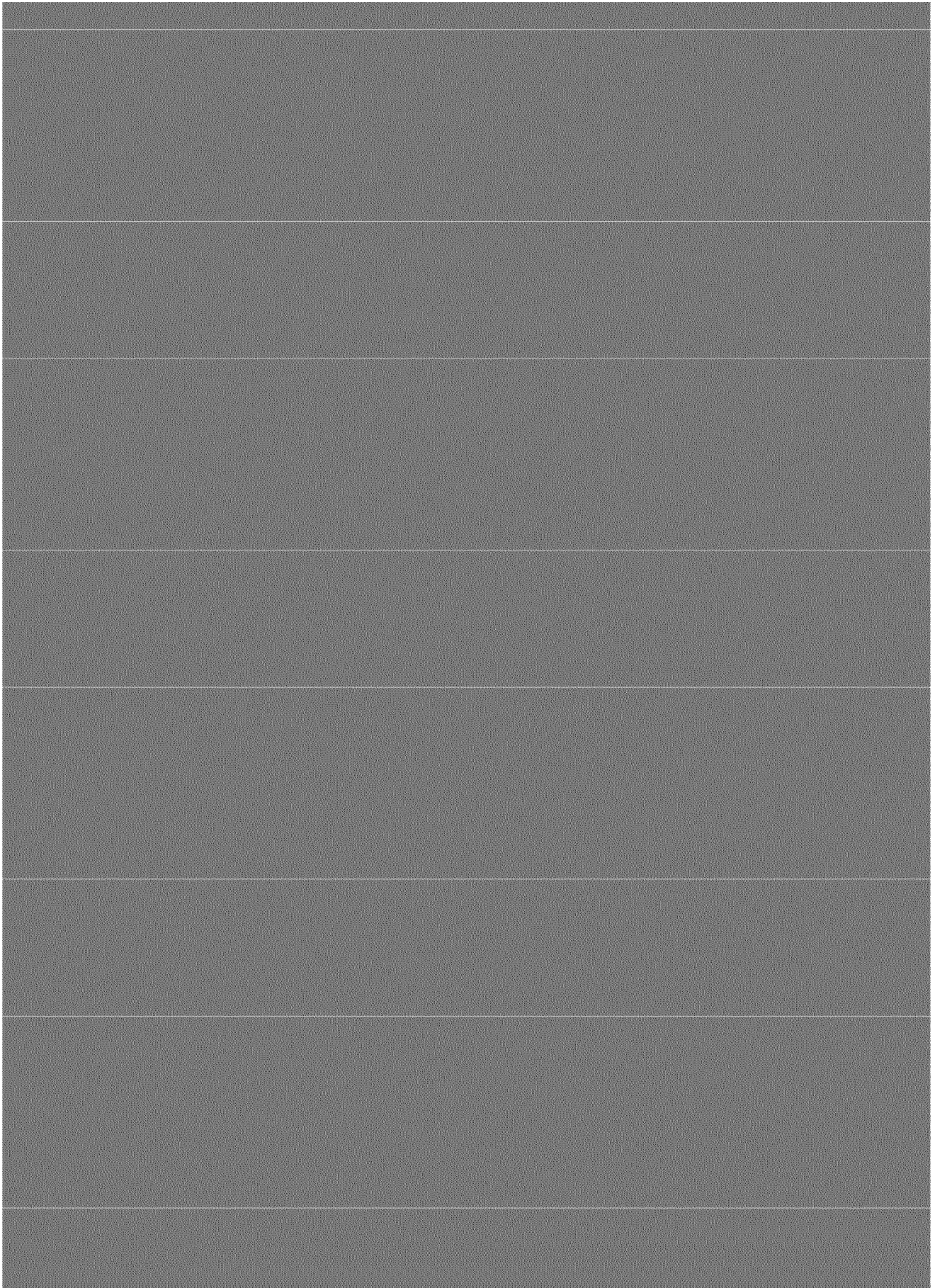
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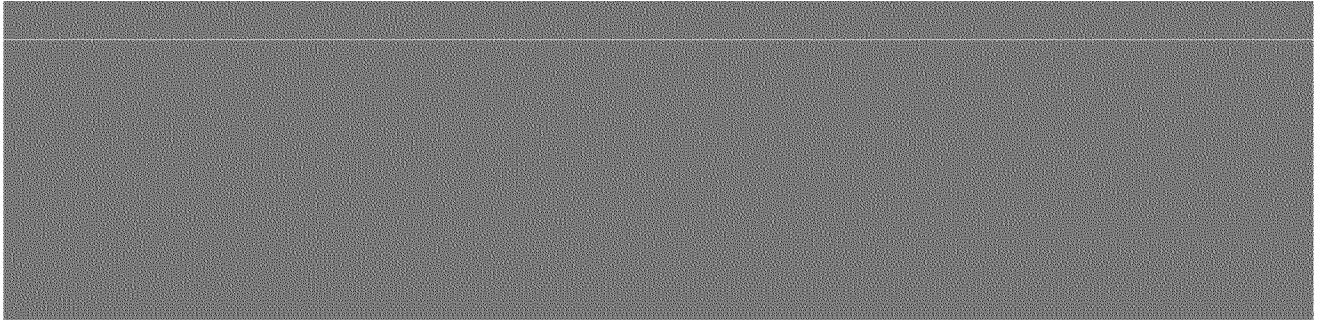
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[REDACTED]



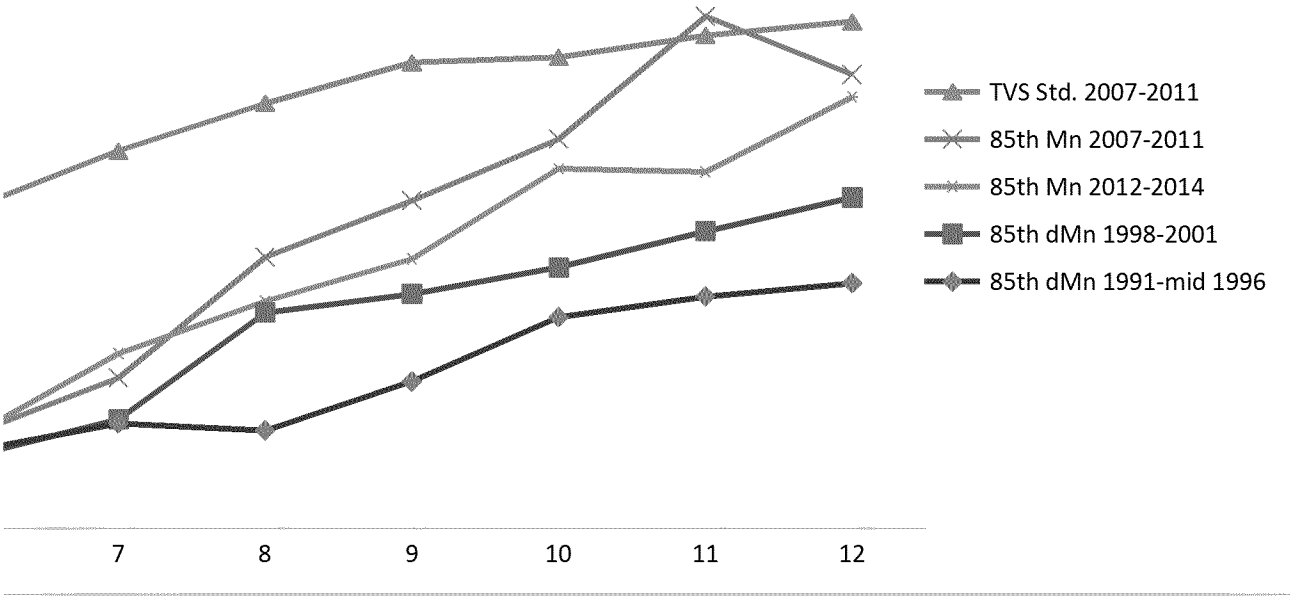




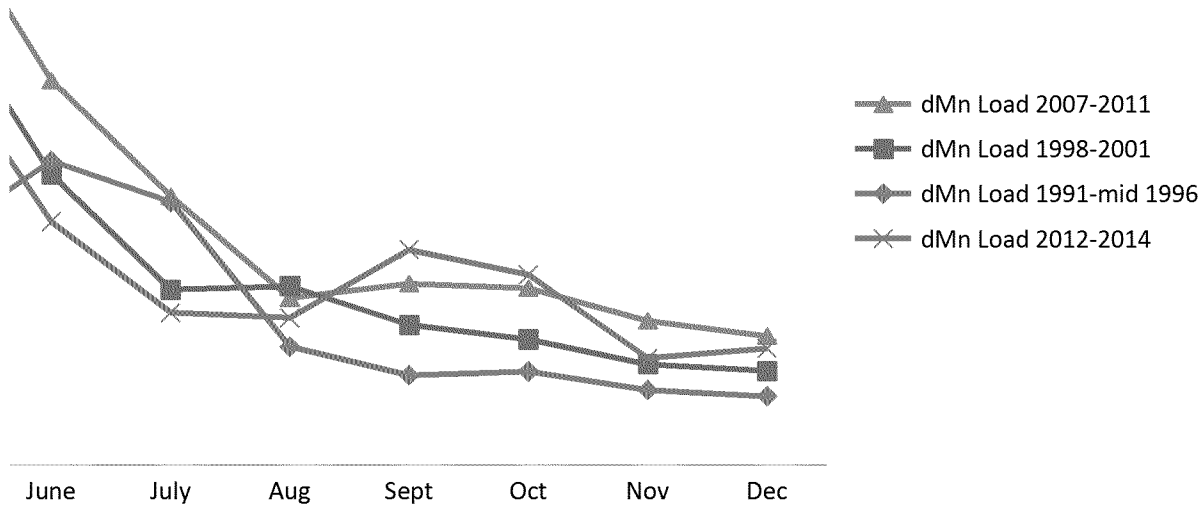


June	July	Aug	Sept	Oct	Nov	Dec
271	400	440	521	878	945	1100
347.5	472	440	659.2	948	1040	1100
61	119	165	166	252	258	330
1398	1747	1949	1952	2243	2261	2455
1158	679	278	179	110	82	65
1693	1464	659	501	521	420	385

s Mn Conc. at A72



Dis Mn Load at A72



June	July	Aug	Sept	Oct	Nov	Dec
294	392	699	819	1100	1230	1437
325	488	967	1051	1171	1333	1484
69	96	144	158	214	238	267
1460	1630	1861	1921	2125	2203	2288
1019	462	264	177	118	85	68
1618	977	997	781	700	561	524

[REDACTED]

[REDACTED]

[REDACTED]

June	July	Aug	Sept	Oct	Nov	Dec	[REDACTED]
333	577	850	1306	1406	1782	1949	
421	676	1215	1470	1746	2296	2035	
66	108	154	203	210	241	262	
1434	1693	1907	2089	2113	2210	2273	

1194 481 203 143 130 84 68

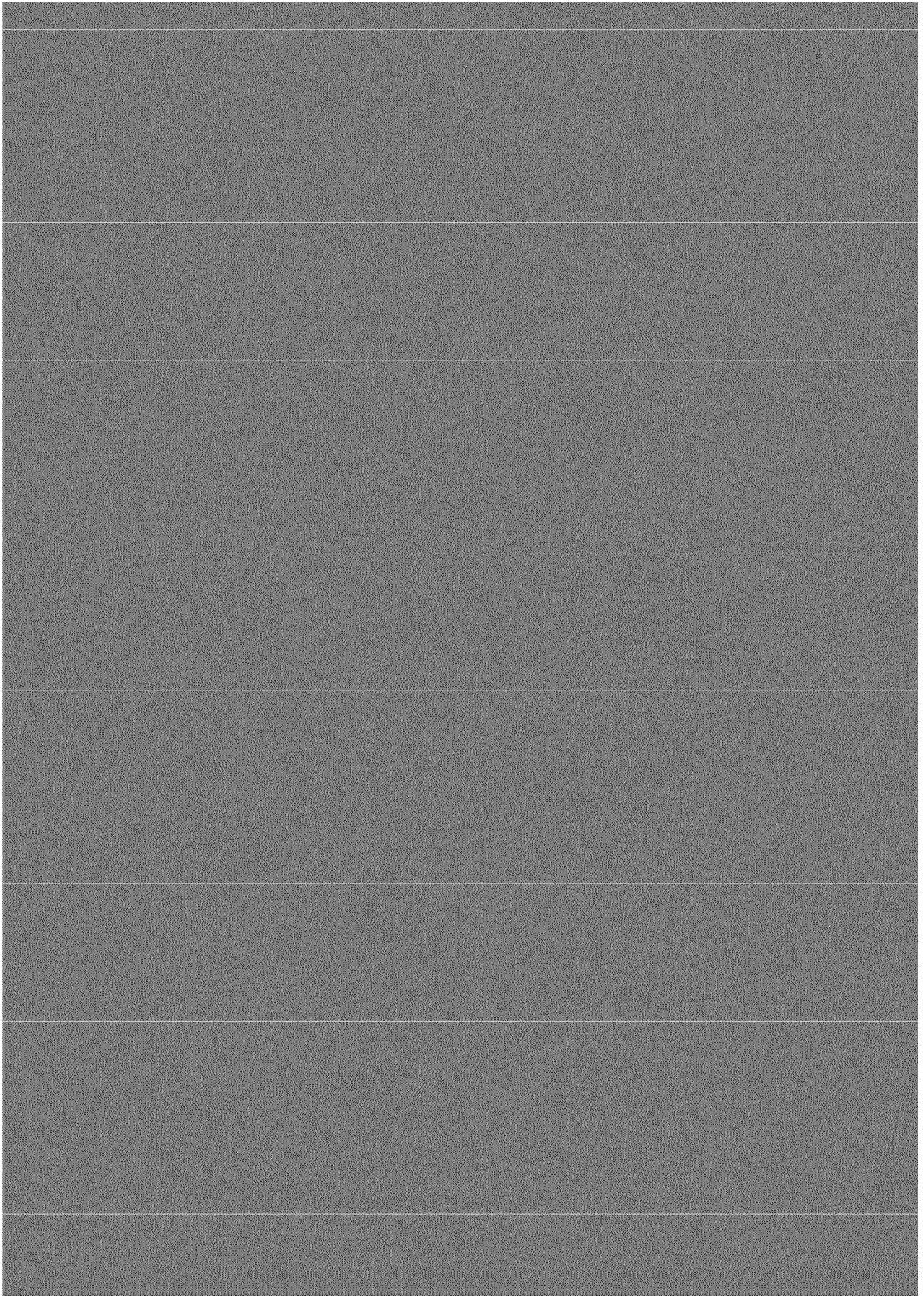
2141 1496 930 1010 985 803 718

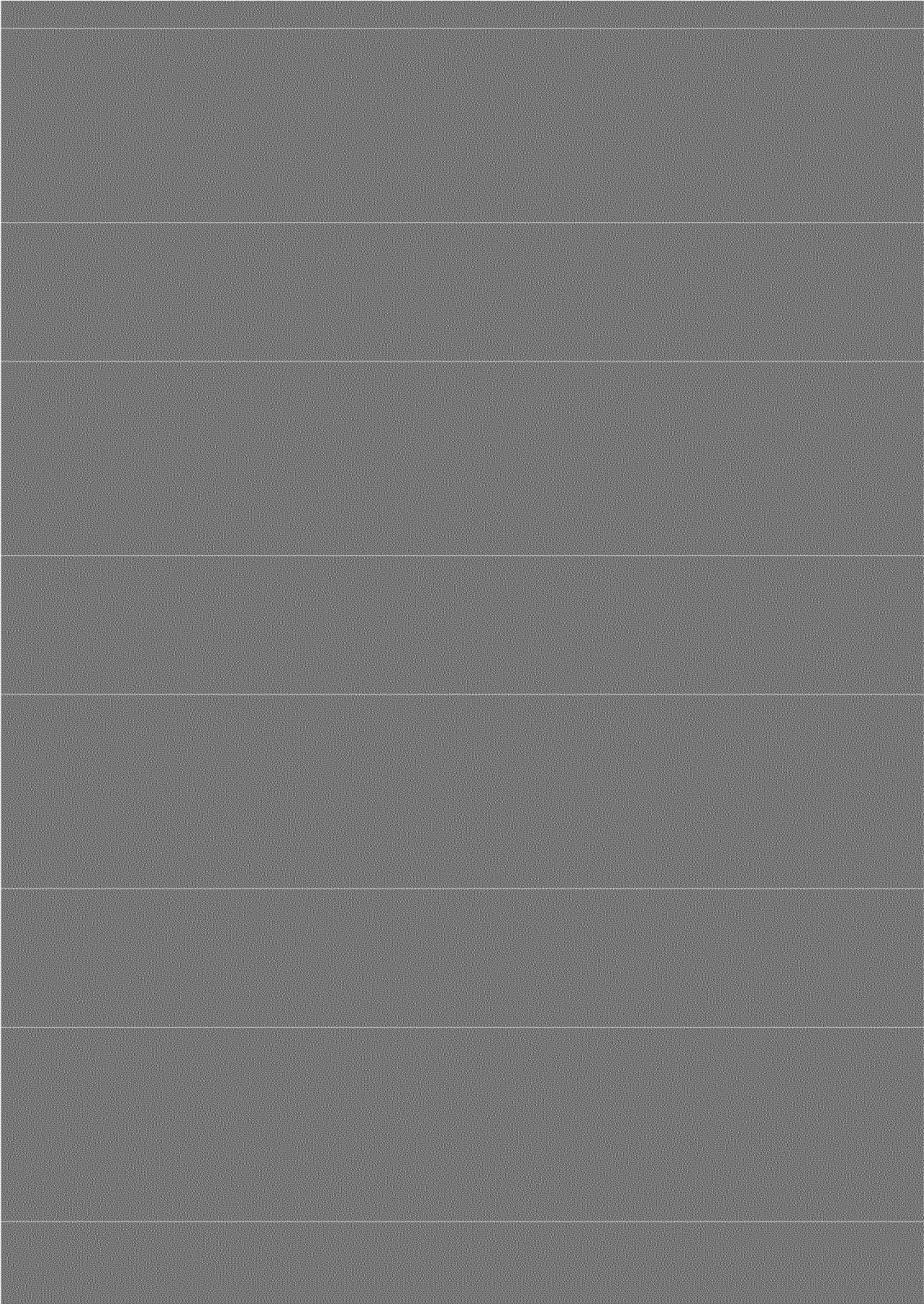
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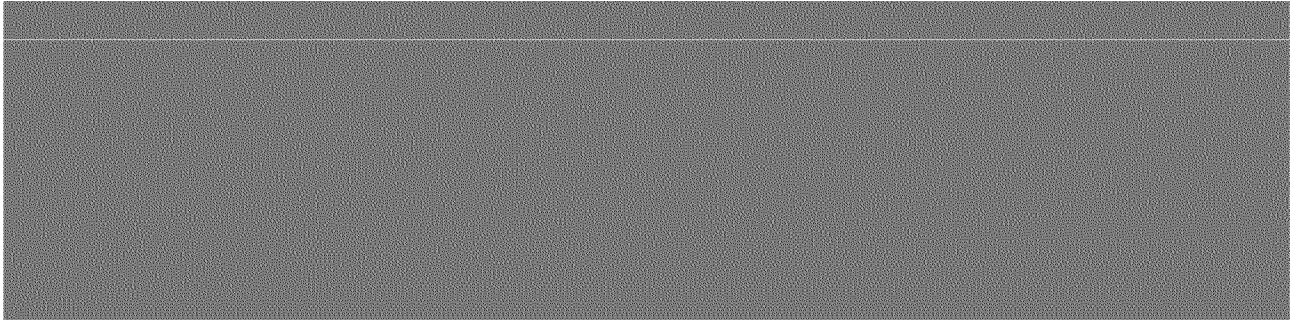
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[REDACTED]

June	July	Aug	Sept	Oct	Nov	Dec
358	630	875	1097	1240	1406	1935
416	783	1020	1208	1612	1600	1935
99	153	151	191	194	242	288
1646	1902	1894	2046	2058	2214	2346
703	250	174	203	159	79	62
1355	848	820	1199	1061	595	651







[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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[REDACTED]

[REDACTED]

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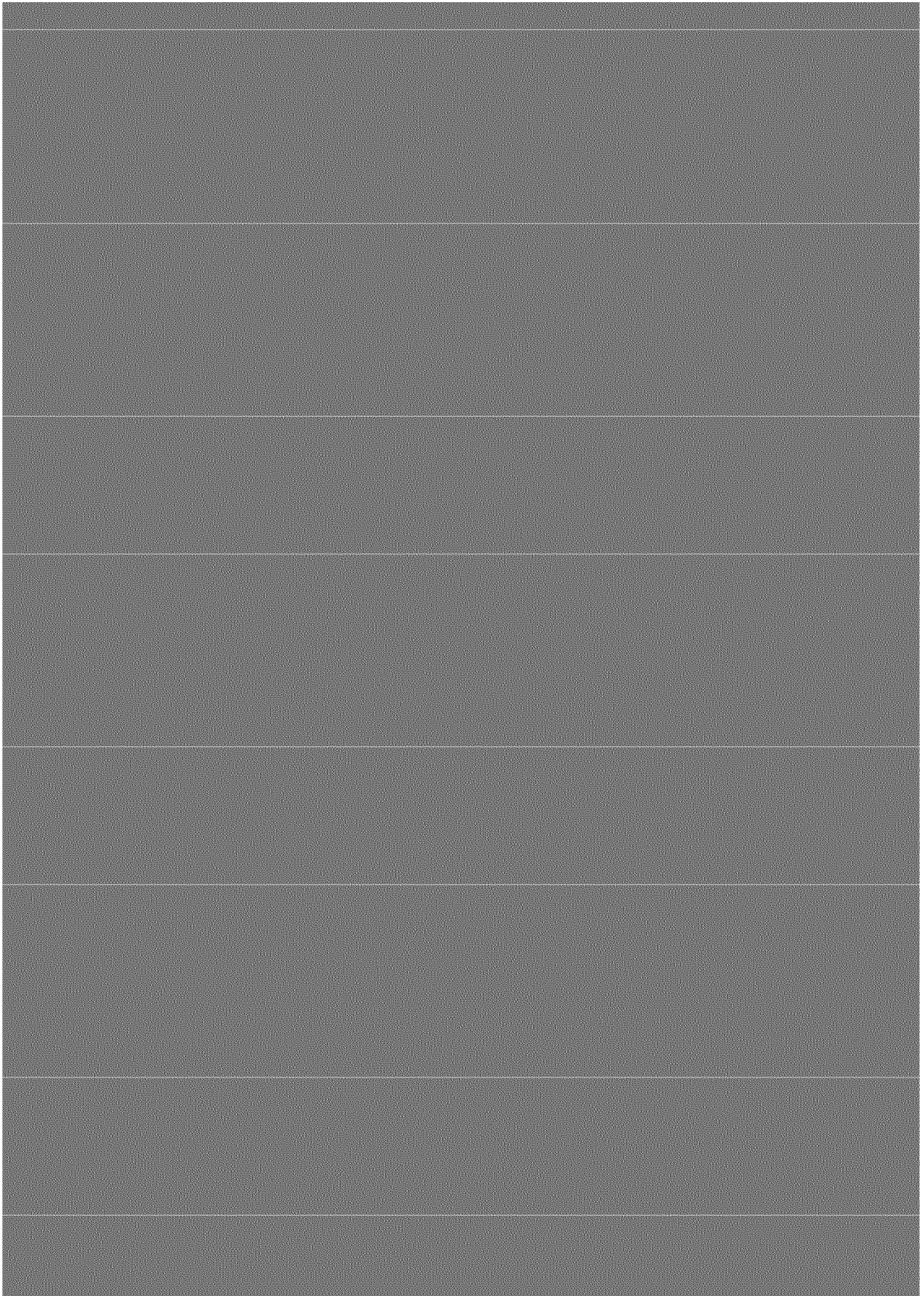
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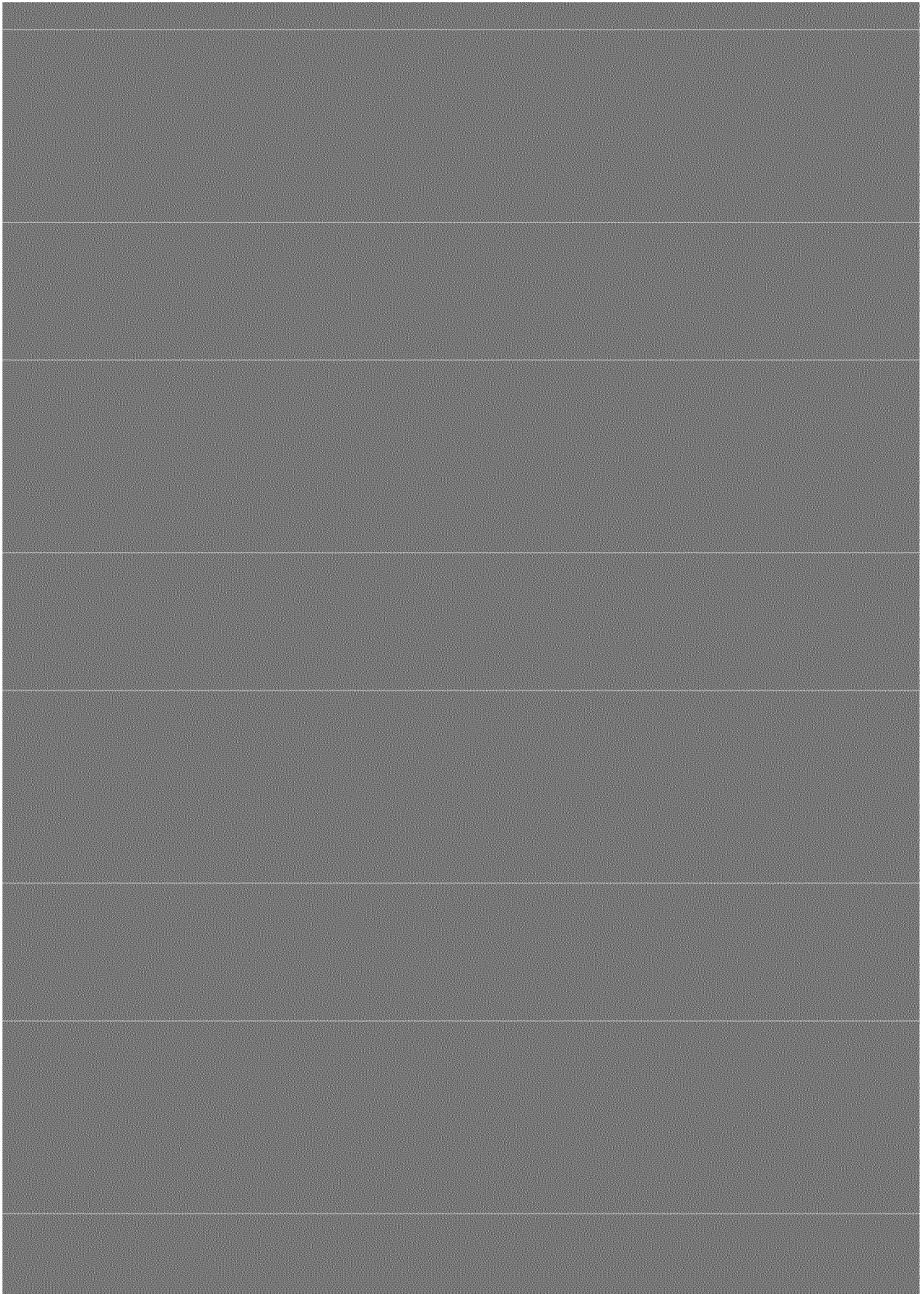
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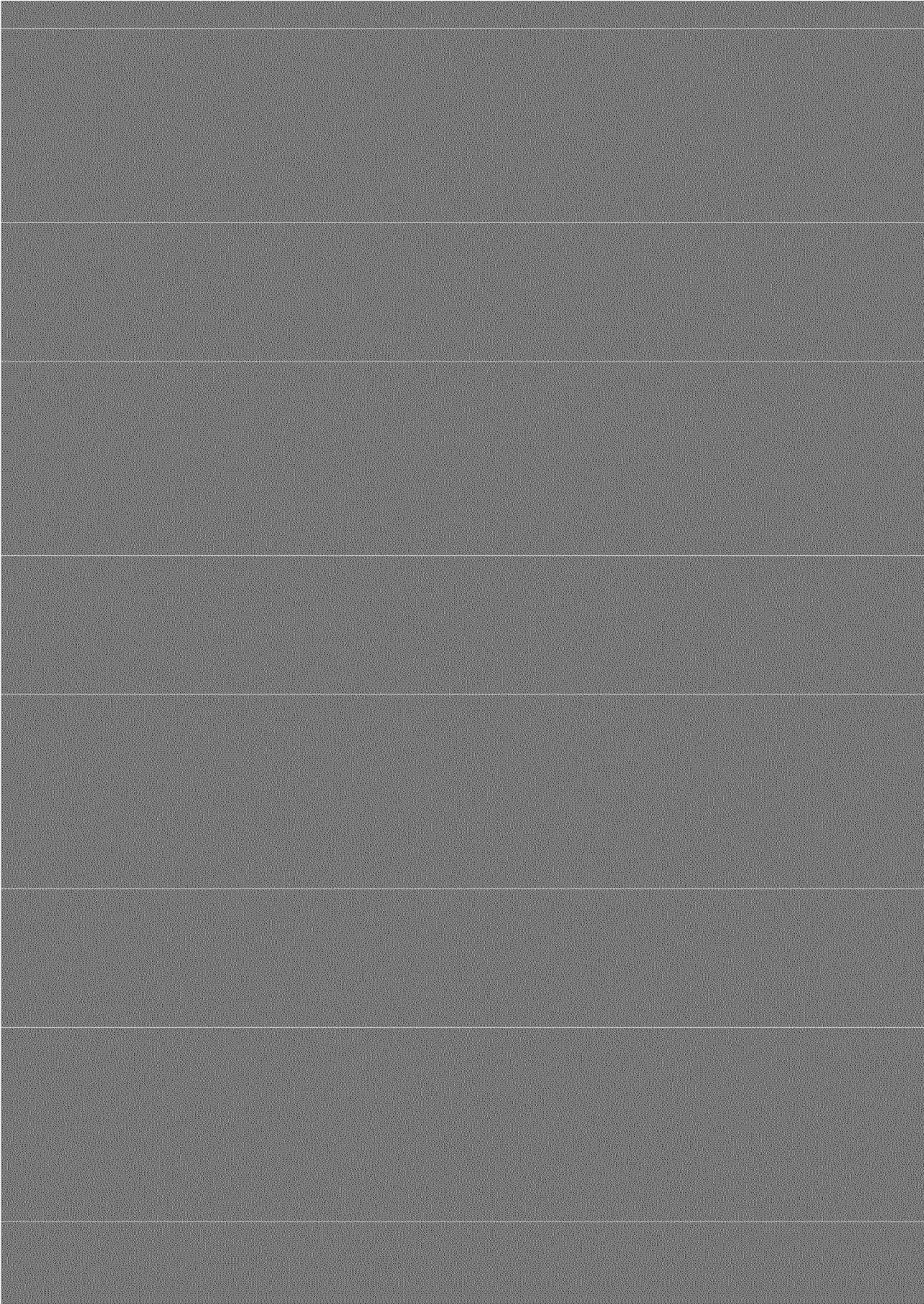
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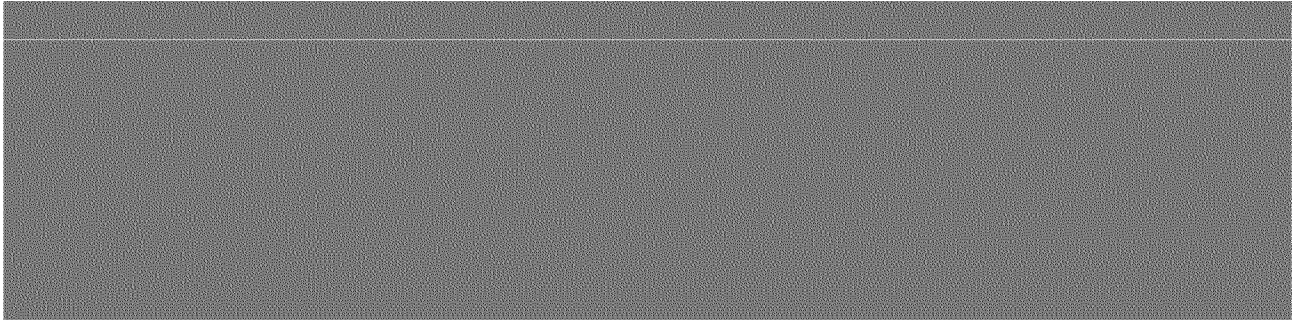
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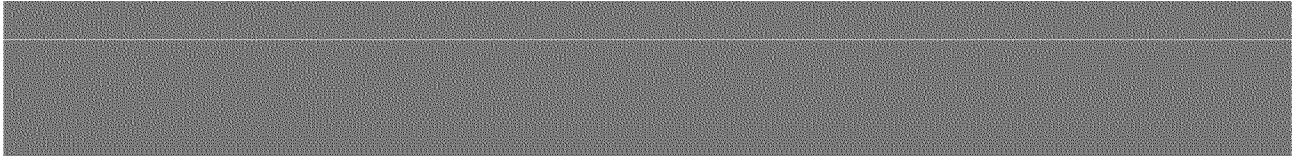
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[REDACTED]

[REDACTED]

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[REDACTED]

[REDACTED]

[REDACTED]

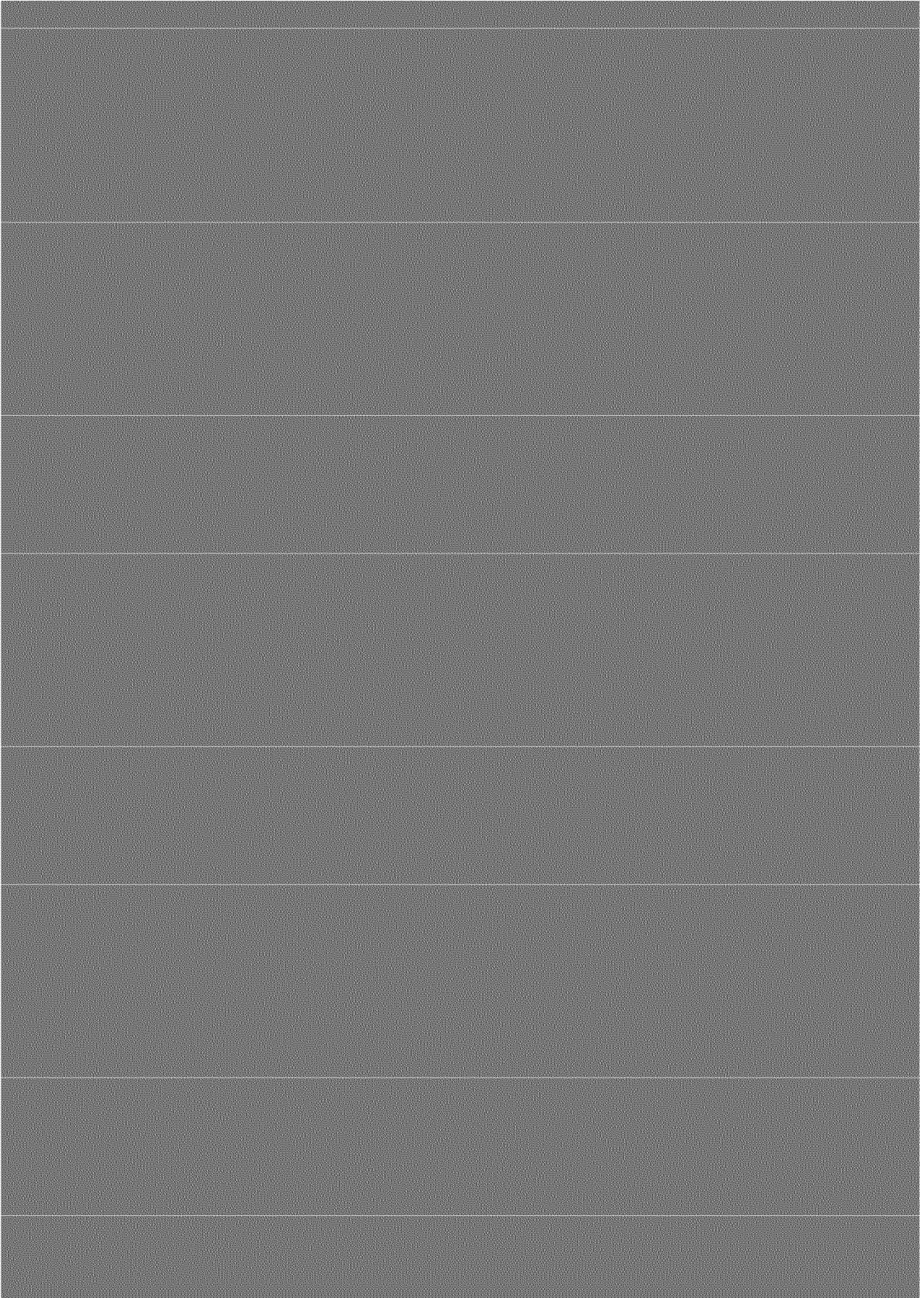
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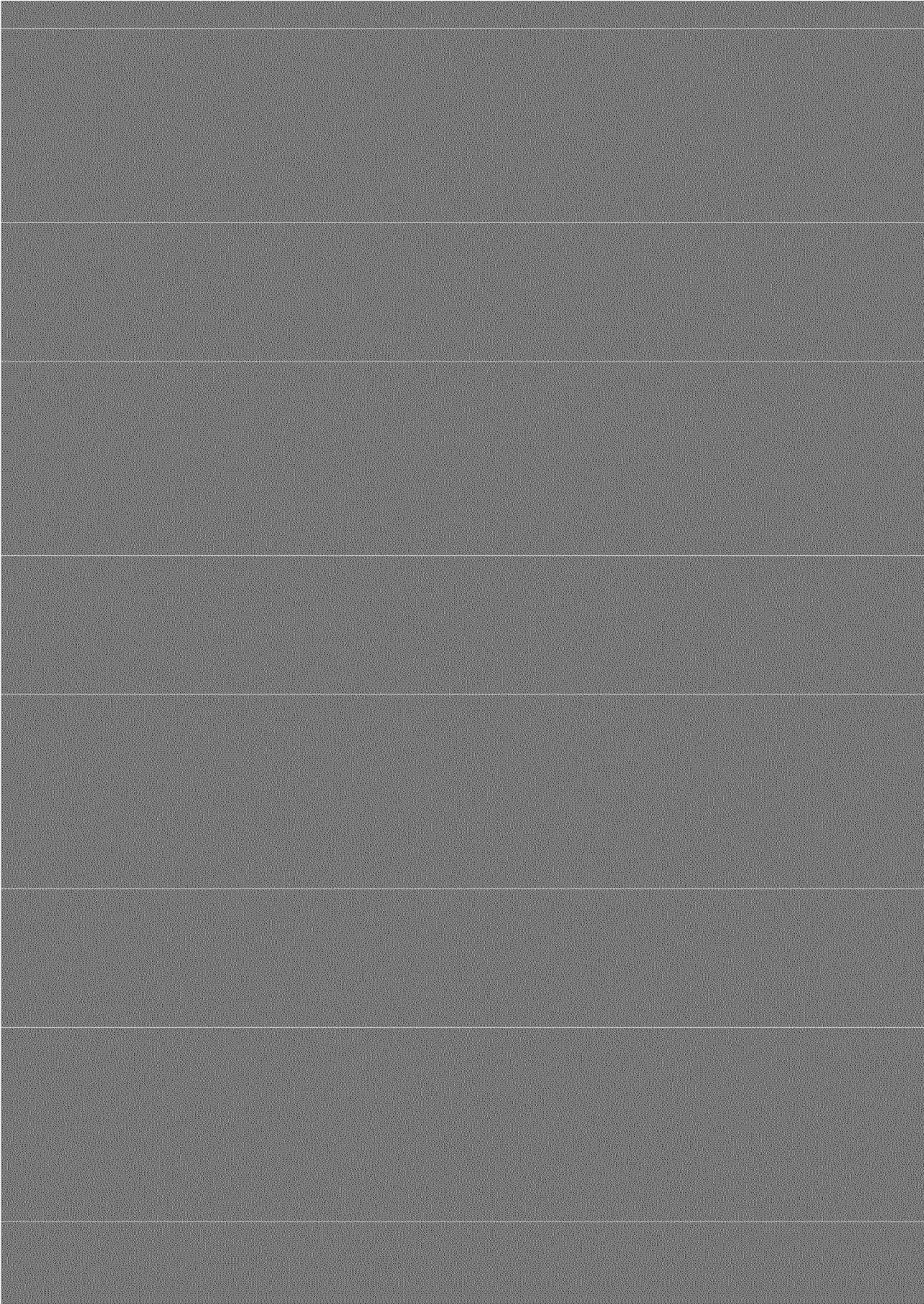
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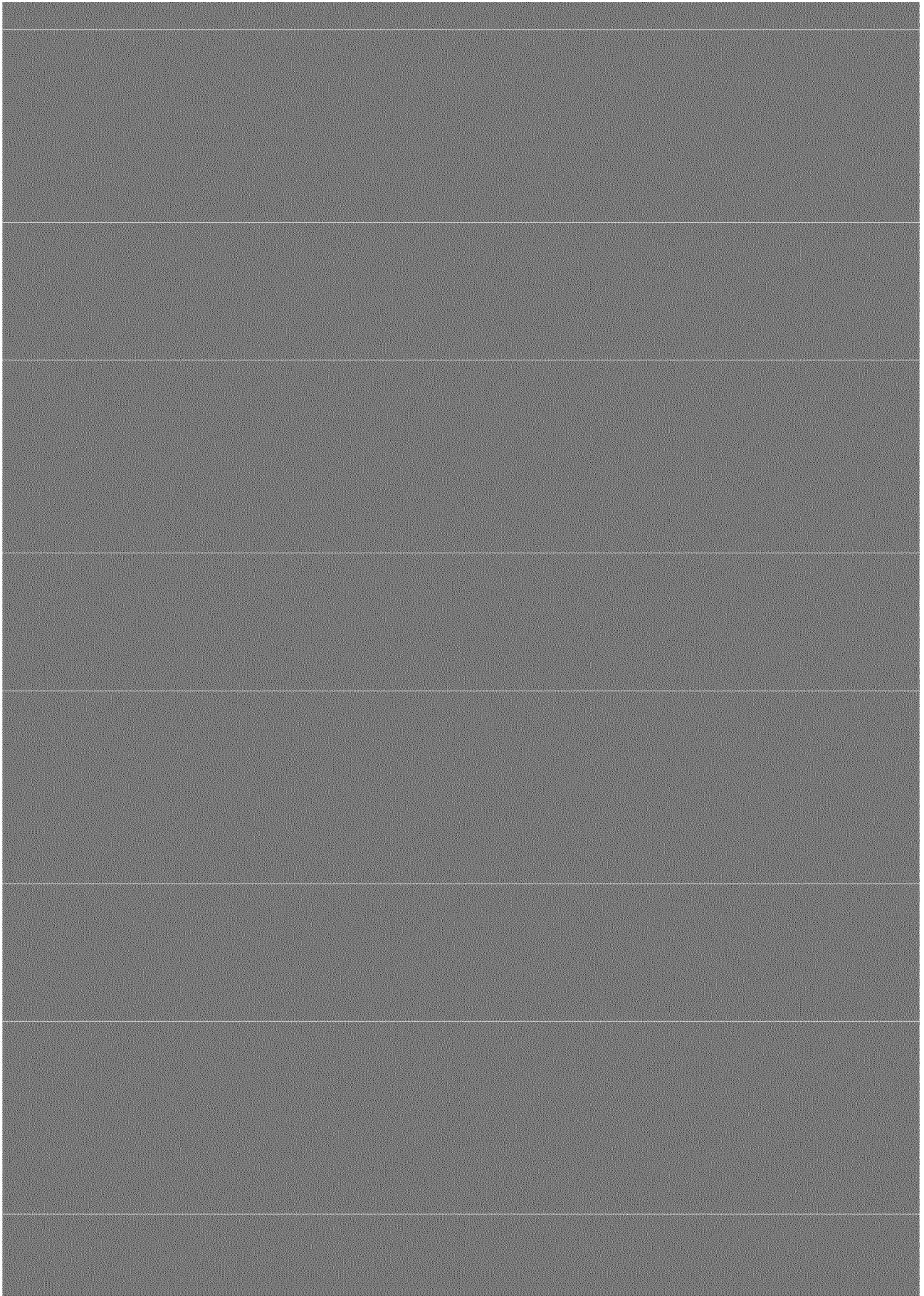
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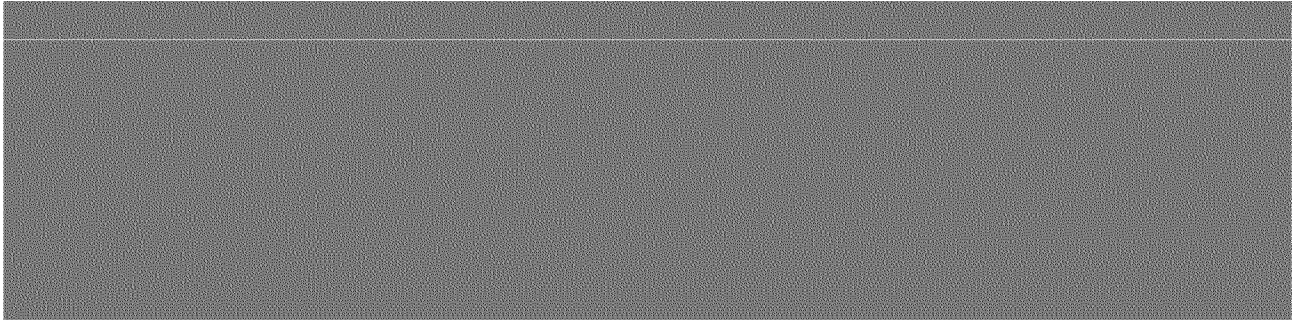
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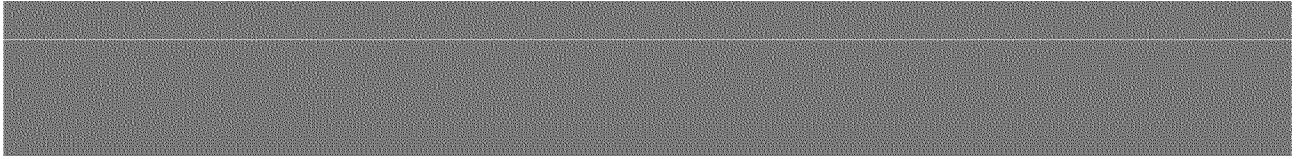
[REDACTED]











[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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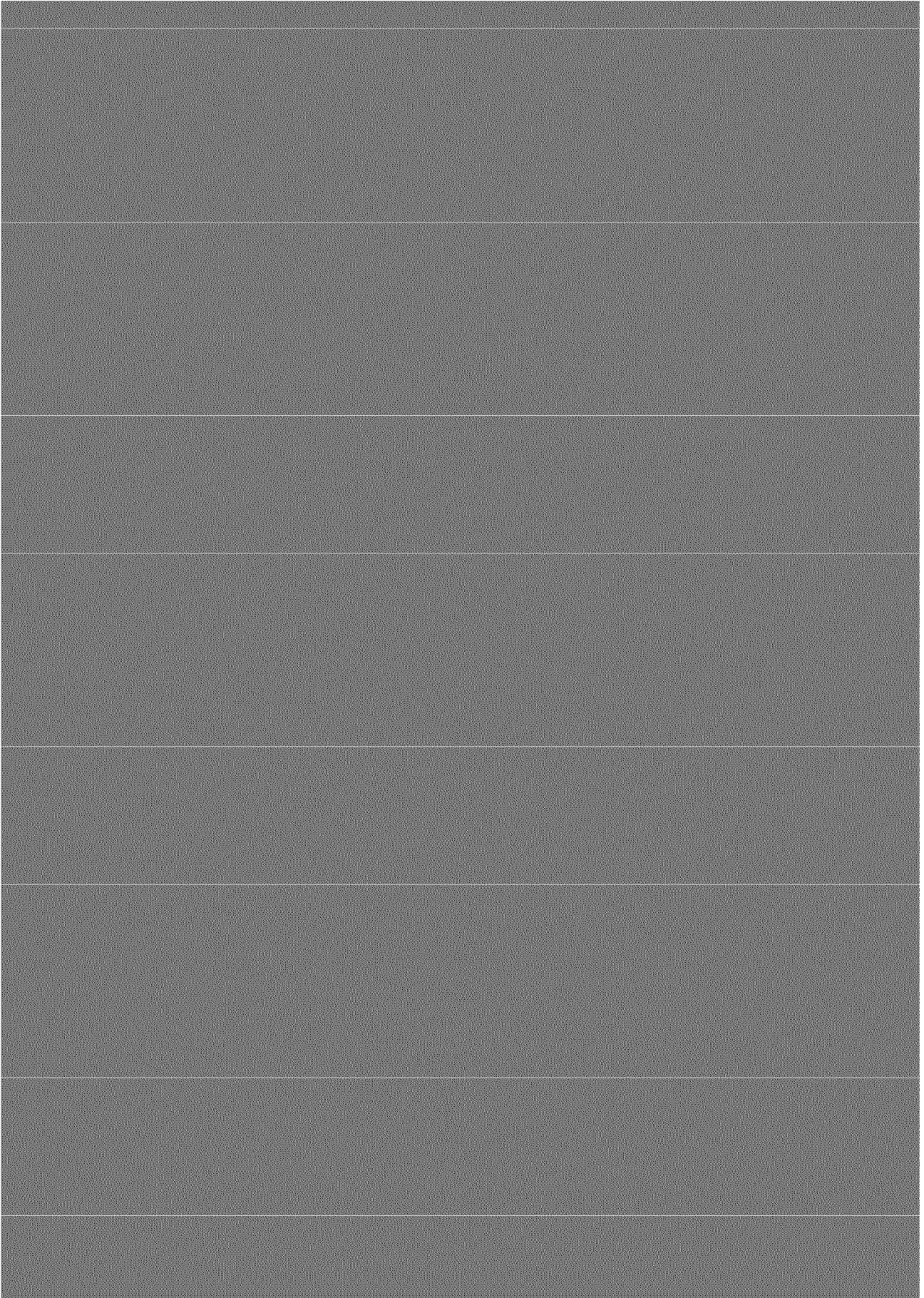
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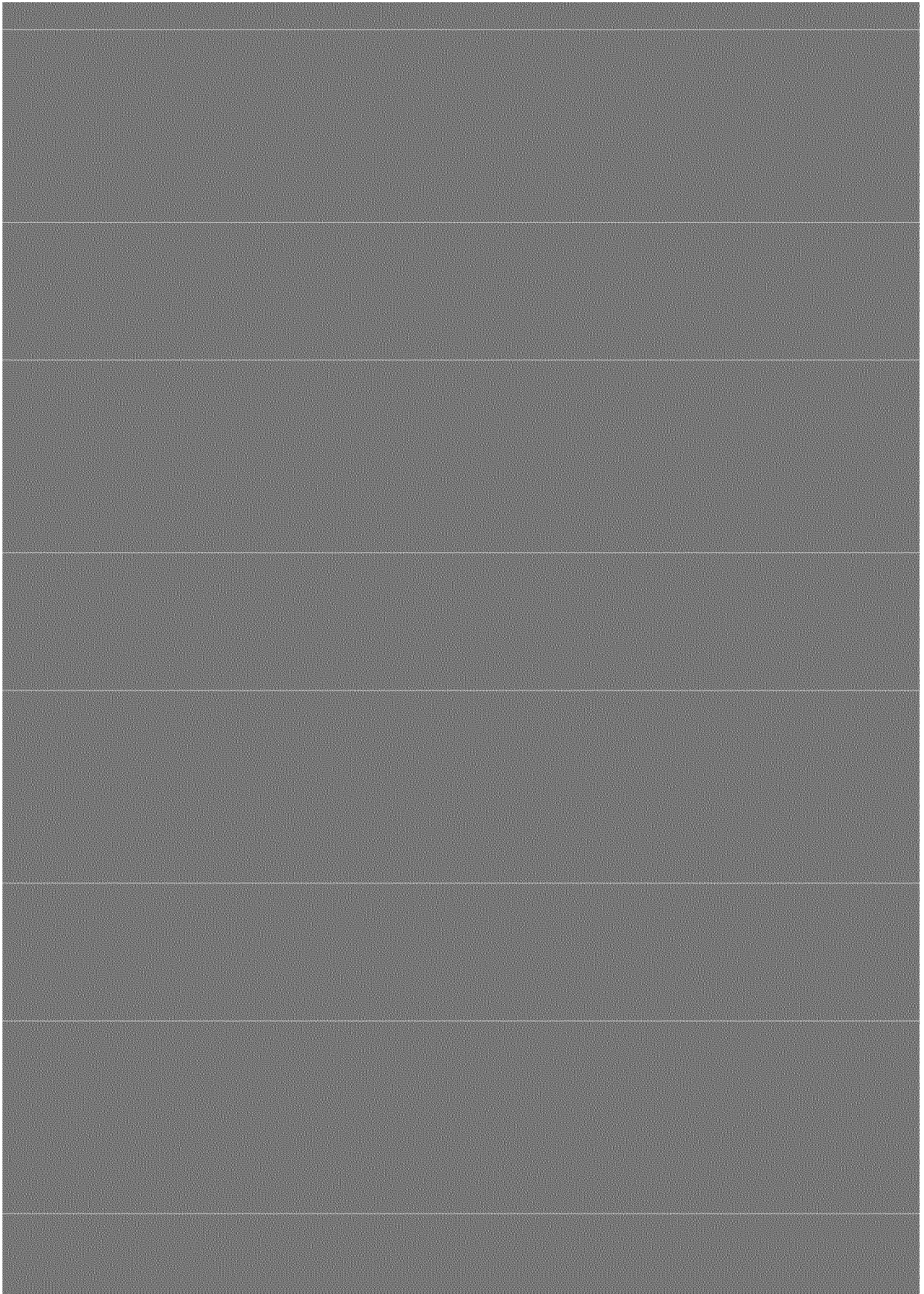
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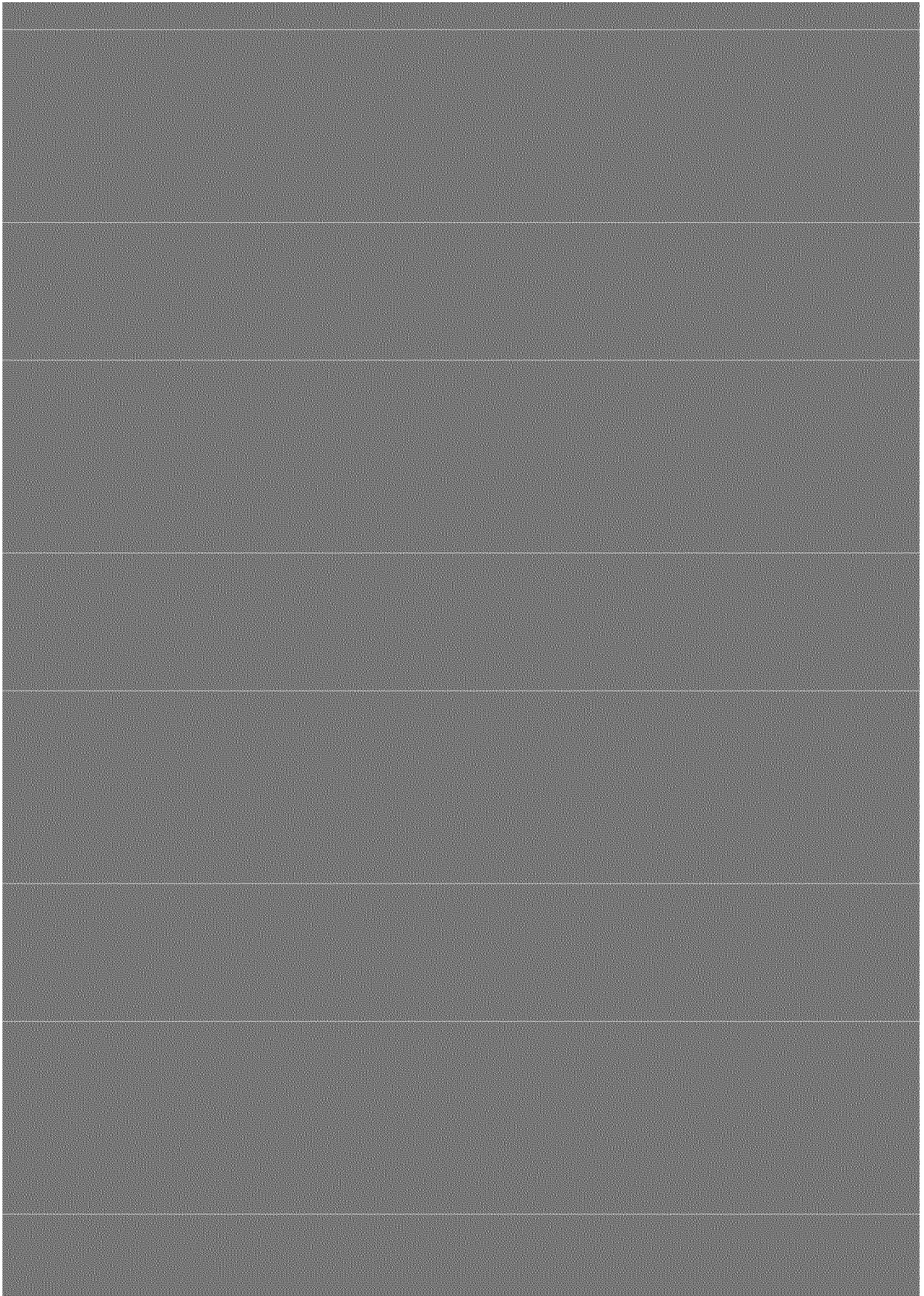
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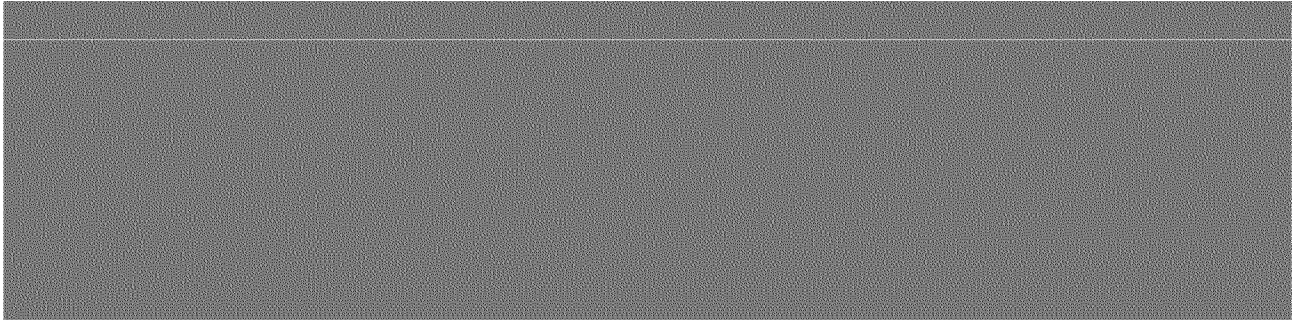
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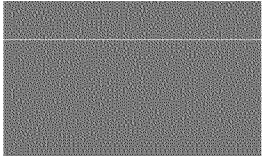
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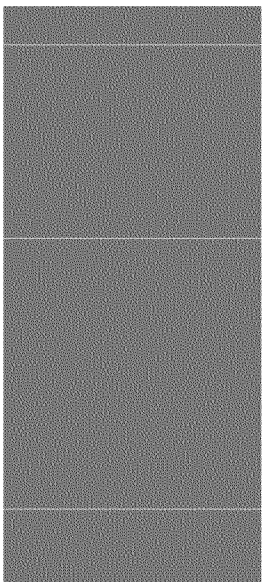
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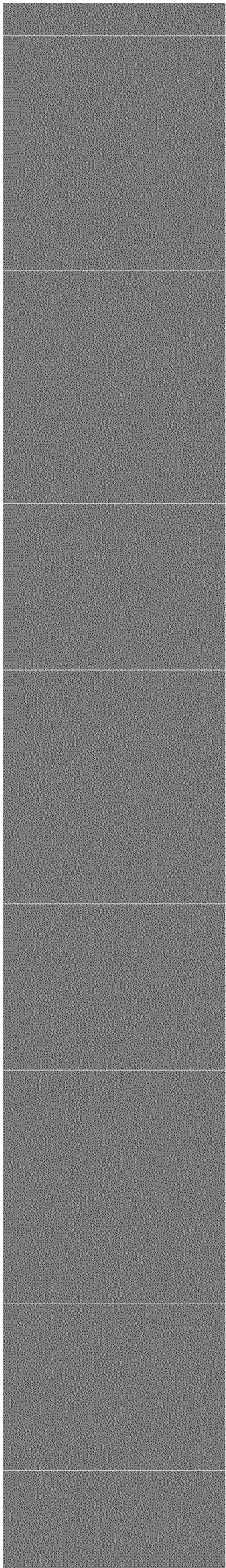
[REDACTED]

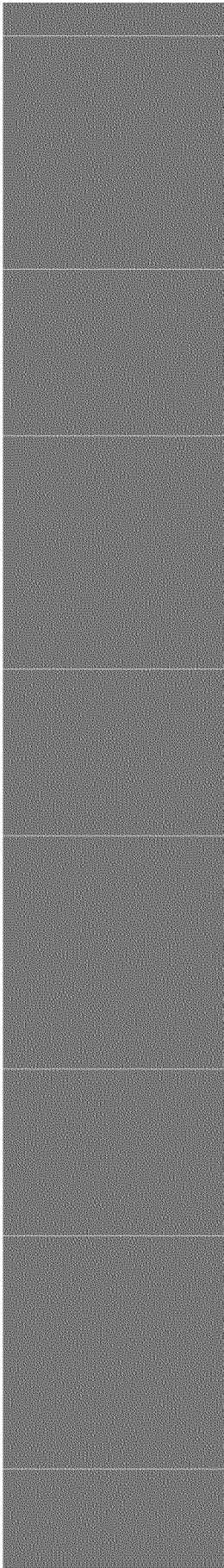
[REDACTED]

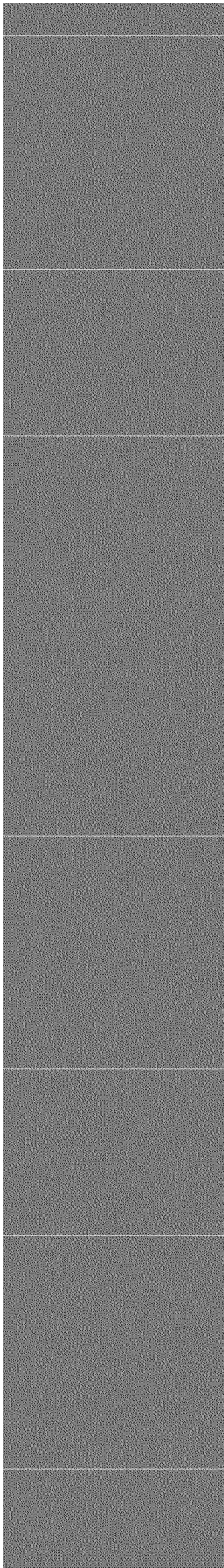
[REDACTED]

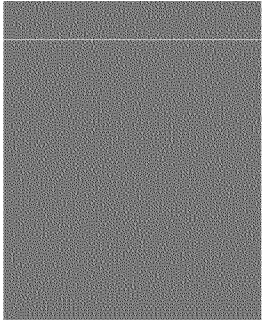
[REDACTED]

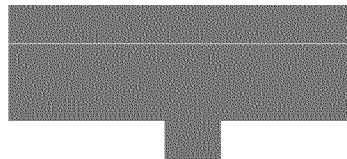






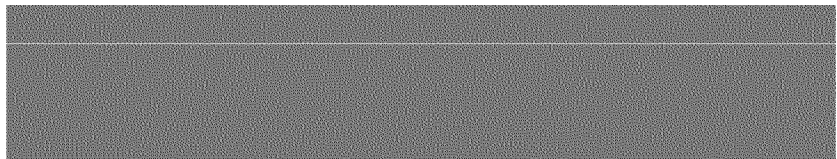






DATE FE_TOT

01/16/91	-1.00
02/18/91	-1.00
09/05/91	1500.00
09/06/91	2700.00
09/07/91	2000.00
09/09/91	1200.00
09/10/91	1500.00
10/21/91	-1.00
04/30/92	-1.00
05/26/92	1300.00
06/23/92	78.00
06/24/92	950.00
06/25/92	880.00
06/25/92	-9.00
07/23/92	1200.00
08/19/92	2000.00
09/24/92	920.00
10/14/92	-9.00
10/15/92	3000.00
10/22/92	7200.00
06/15/93	3100.00
07/20/93	750.00
07/21/93	740.00
08/23/93	1300.00
09/28/93	-1.00
10/26/93	2400.00
11/10/93	3200.00
11/29/93	4100.00
12/29/93	5300.00
03/29/94	4400.00
05/16/94	2000.00
05/18/94	2600.00
06/02/94	3100.00
06/27/94	-1.00
07/18/94	1200.00
07/26/94	5100.00
09/28/94	1700.00
11/09/94	-9.00
11/09/94	3300.00
01/18/95	-1.00

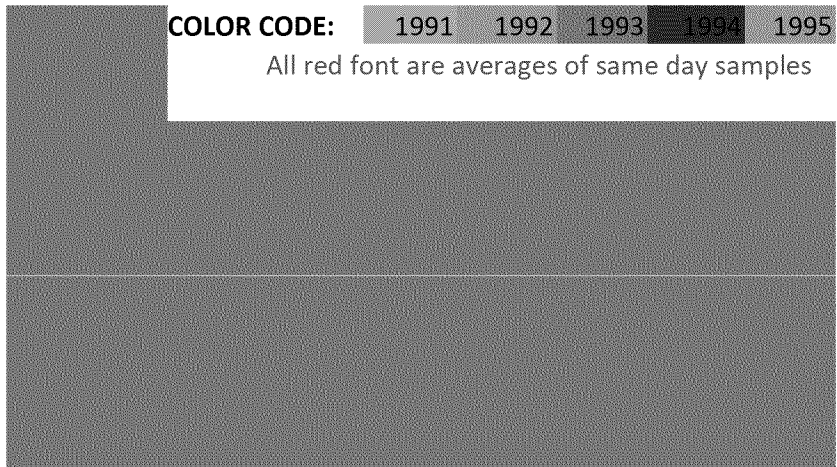


Jan.	Feb	Mar	Apr	May	June	July	Aug
Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe
3000	3850	4400	3900	1300	78	1200	2000
				2000	950	750	1300
				2600	880	740	
				1800	3100	1200	
					3100	5100	
					4280		

COLOR CODE:

1991 1992 1993 1994 1995

All red font are averages of same day samples



08/05/98	
08/05/98	
9/2/1998	1346.00
9/2/1998	
09/09/98	
09/09/98	
09/30/98	3556.69
10/07/98	
10/07/98	
11/10/98	
11/10/98	
11/13/1998	3760
12/02/98	
12/02/98	
01/06/99	
01/06/99	
02/04/99	
02/04/99	
02/19/99	0.00
03/03/99	
03/03/99	
04/07/99	
04/07/99	
4/8/1999	4085.6
04/30/99	0.00
05/06/99	
05/06/99	
6/3/1999	1349.2
06/09/99	
06/09/99	
6/23/1999	2850.00
07/07/99	
07/07/99	
08/04/99	
08/04/99	
08/19/99	
8/26/1999	1529.1
09/01/99	
09/01/99	
10/06/99	
10/06/99	
11/03/99	
11/03/99	
11/30/1999	3699.1
12/01/99	
12/01/99	
01/05/00	

01/05/00	
02/02/00	
02/02/00	
03/01/00	
03/01/00	
04/05/00	
04/05/00	
4/13/2000	3754.2
4/25/2000	
05/03/00	
05/03/00	
5/24/2000	6075.9
6/1/2000	
06/07/00	
06/07/00	
6/29/2000	
07/05/00	
07/05/00	
7/19/2000	
08/02/00	
08/02/00	
8/9/2000	2585.6
8/18/2000	2580
09/06/00	
09/06/00	
9/16/2000	
10/04/00	
10/04/00	
11/01/00	
11/01/00	
11/7/2000	5979.1
12/1/2000	4830
12/06/00	
12/06/00	
01/03/01	
01/03/01	
01/03/01	
01/03/01	
02/07/01	
02/07/01	
03/14/01	
03/14/01	
3/20/2001	5390
04/04/01	
04/04/01	
4/30/2001	3785.4
05/02/01	

05/02/01	
5/30/2001	1087.7
06/06/01	
06/06/01	
07/06/01	
07/06/01	
08/01/01	
08/01/01	
8/10/2001	1625.23
8/21/2001	1850
09/05/01	
09/05/01	
10/03/01	
10/03/01	
11/1/2001	3544.16
11/06/01	
11/06/01	
12/05/01	
12/05/01	

DATE	dailyFE_TOT flow_CFS
4/5/06	4033
4/19/2006	3662
5/10/06	1503
05/10/2006	1890
5/24/2006	850
5/24/2006	1543
6/6/06	858
6/21/2006	720
7/12/06	1421
07/12/2006	1230
8/2/06	1828
8/16/2006	1900
9/6/06	1042
09/06/2006	2980
9/27/2006	2465
10/11/06	1257
10/31/2006	2514
11/1/06	2002
11/01/2006	2830
12/5/06	3815
12/6/2006	190
1/11/07	4932
4/2/07	3787
4/16/2007	2863
05/11/2007	1890

Jan.	Feb	Mar	Apr	May	June	July	Aug
Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe
4932	7710	6610	3787	1686	4764	985	1862
		5080	2863	3200	840	990	1472
			2100	3103	821	1237	830
			4190	1992	948	891	1754

5/11/2007	1482
5/15/2007	3200
5/16/2007	3103
07/11/2007	1080
7/11/2007	890
7/12/2007	990
7/18/2007	1237
8/6/2007	1862
09/05/2007	2910
10/4/2007	1800
10/25/2007	2804
11/6/2007	3625
11/07/2007	3380
11/7/2007	2731
12/5/2007	4881
05/07/08	2590.00
5/7/2008	1394
5/12/2008	2400
5/14/2008	1930
6/3/2008	3164
6/3/2008	6363
07/09/08	700.00
7/9/2008	1081
8/5/2008	86 1472
8/6/2008	830
8/14/2008	1754
09/03/08	2360.00
9/3/2008	2137
10/6/2008	3520
10/22/2008	4500
11/7/2008	5732
12/2/2008	4752
12/3/2008	5216
4/29/2009	2100
5/13/2009	4670
5/13/2009	3547
5/18/2009	5300
6/10/2009	840
6/12/2009	821
6/16/2009	948
7/8/2009	910
7/8/2009	831
7/14/2009	1060
7/21/2009	1478
8/10/2009	2500
8/12/2009	636 2759
8/18/2009	2990

7010	2400	986	871	2500
3871	1930	4209	1060	2759
	4109	1950	1478	2900
	5300	1779	1063	1616
	2345		1210	875
	3600		787	1750
	4556			2460

COLOR CODE:

2007 2008 2009 2010

All red font are averages of same day samples

9/9/2009	2993
9/16/2009	2670
9/16/2009	2888
9/22/2009 85	3330
10/5/2009	3691
10/26/2009	4400
11/4/2009	3880.00
11/5/2009 30	4283
11/13/2009	4370
11/17/2009	5490
12/1/2009	6209
2/17/2010 17.9	7710
3/17/2010	6610
4/13/2010 576	4190
5/4/2010	2345
6/2/2010 33	986
6/9/2010	4209
7/8/2010	1160.00
7/8/2010	965
7/13/2010	1100
7/13/2010	1320
8/10/2010	1648
8/10/2010	1584
9/14/2010	3010
10/4/2010	3705
11/2/2010	4330
11/3/2010	3160.00
11/3/2010	3129
12/7/2010	4781
3/15/2011	5080
4/4/2011	7010
4/6/2011	3871
5/4/2011	3600
5/8/2011	4556
6/7/2011	19600
6/14/2011	1950
6/30/2011	1779
7/19/2011	787
8/1/2011	875
8/16/2011	1750
8/31/2011	2460
9/7/2011	2258
9/7/2011	2110
9/13/2011	2500
10/7/2011	3264
10/18/2011	2740
11/2/2011	3750

outlier, didn't use, high Trec AI in same sample

	Jan.	Feb	Mar	Apr	May	June	July	Aug
	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe
	5485	7643	5473	2301	1491	1057	1962	2281
	4741	6972	9279	7160	1196	930	708	1826
	5096		7214	3580	1270	1351		1219
					2134			
					2680			
					3296			
					7200			

	Jan.	Feb	Mar	Apr	May	June	July	Aug
	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe
	5485	7643	5473	2301	1491	1057	1962	2281
	4741	6972	9279	7160	1196	930	708	1826
	5096		7214	3580	1270	1351		1219
					2134			
					2680			
					3296			
					7200			

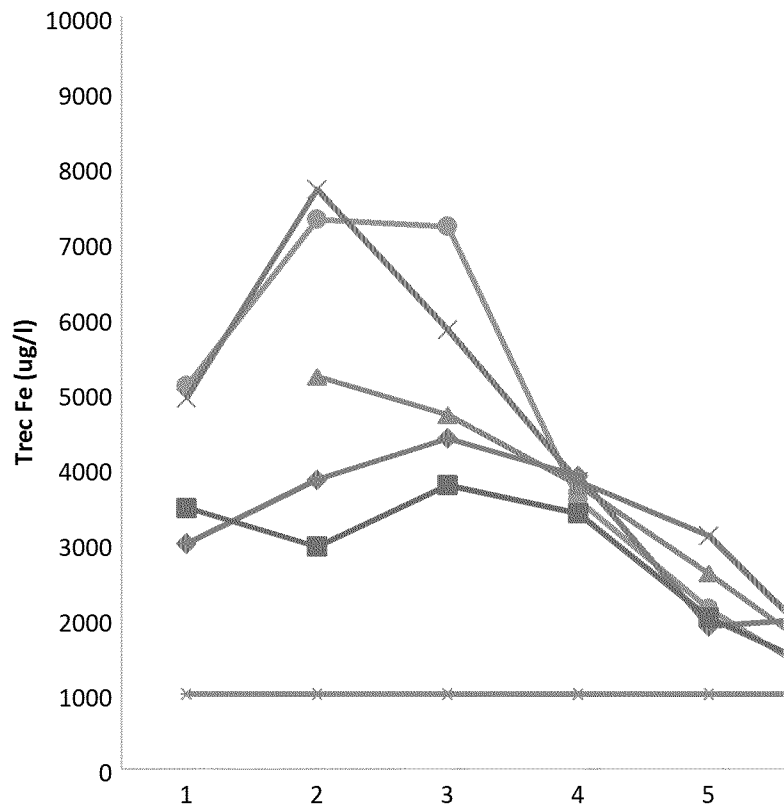
6/24/2013	
6/25/2013	
6/26/2013	
6/27/2013	
6/28/2013	
6/29/2013	
6/30/2013	
7/1/2013	
7/2/2013	
7/3/2013	
7/4/2013	
7/5/2013	
7/6/2013	
7/7/2013	1962
7/7/2013	
7/8/2013	
7/9/2013	
7/10/2013	
7/11/2013	
7/12/2013	
7/13/2013	
7/14/2013	
7/15/2013	
7/16/2013	
7/17/2013	
7/18/2013	
8/4/2013	1826
9/10/2013	3920
10/2/2013	1883
11/8/2013	3727
12/13/2013	3919
1/8/2014	5096
2/7/2014	6972
3/5/2014	7214
4/10/2014	3580
5/1/2014	3296
5/5/2014	7200
5/13/2014	
5/21/2014	
5/27/2014	
6/6/2014	1351
6/6/2014	
6/13/2014	
6/23/2014	
7/1/2014	708
7/2/2014	
7/11/2014	

The image shows a solid, dark gray surface with a fine, uniform texture. The texture appears to be a fine, woven fabric or a similar material, giving it a slightly grainy or pebbled appearance. The lighting is even across the entire surface, with no significant shadows or highlights, emphasizing the consistent texture. This is likely a scan of a book cover or endpaper.

Sept Fe	Oct Fe	Nov Fe	Dec Fe
1500	3000	3200	5300
2700	7200	4100	
2000	2400	3300	
1200		2900	
1500			
920			
1700			
1310			

	Jan.	Feb	Mar	Apr
Ave Trec Fe 1991-mid 1996	3000	3850	4400	3900
50th Trec Fe 1991-mid 1996	3000	3850	4400	3900
A72 Std	3473	2961	3776	3404
Table Value Std.	1000	1000	1000	1000
Ave. monthly flows 1991-mid 1996 (cfs)	62	63	74	160
Trec Fe Load 1991-mid 1996 lbs/day	997	1299	1750	3370

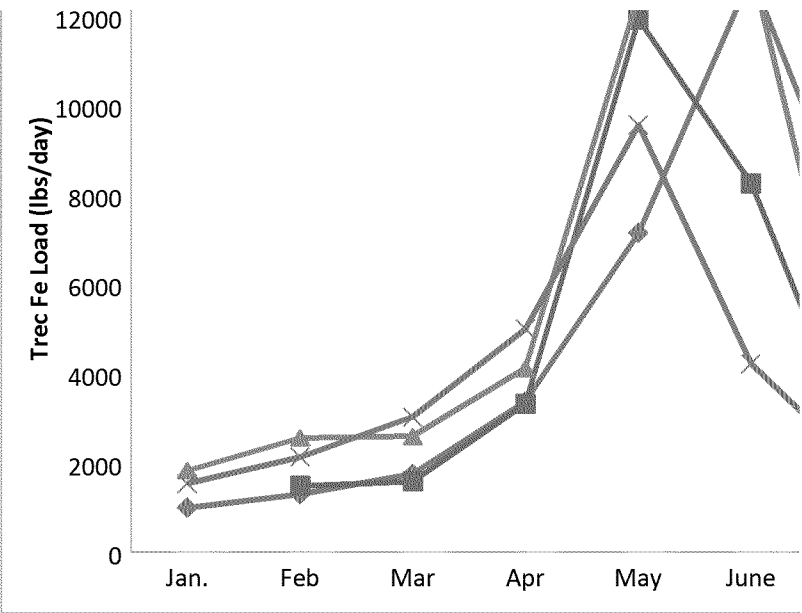
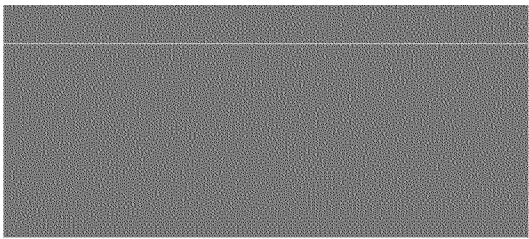
1996



Tr

14000





Sept	Oct	Nov	Dec
Fe	Fe	Fe	Fe
1346		3760	4830
3557		3699	
		5979	
		3544	

Ave. Trec Fe 1998-2001
50th Trec Fe 1998-2001
Ave. monthly flows 1998-2001 (cfs)
Trec Fe Load 1998-2001 lbs/day

Jan.	Feb	Mar	Apr
	5218	4708	3683
	5218	4708	3770
65	53	63	167
	1486	1586	3318

Sept	Oct	Nov	Dec			Jan.	Feb	Mar	Apr
Fe	Fe	Fe	Fe						
2910	1800	3625	4881		Ave. Trec Fe 2007-2011	4932	7710	5845	3970
2249	2804	3056	4752		50th Trec Fe 2007-11	4932	7710	5845	3829
2993	3520	5732	5216						
2779	4500	3880	6209		Ave. monthly flows	69	62	82	192

3330	3691	4283	4781	2007-2011 (cfs)				
3010	4400	4370	6572					
2184	3705	5490		Trec Fe Load 2007-2011	1827	2558	2597	4114
2500	3264	4330		lbs/day				
	2740	3145						
		3636						
		5590						

[REDACTED]

[REDACTED]

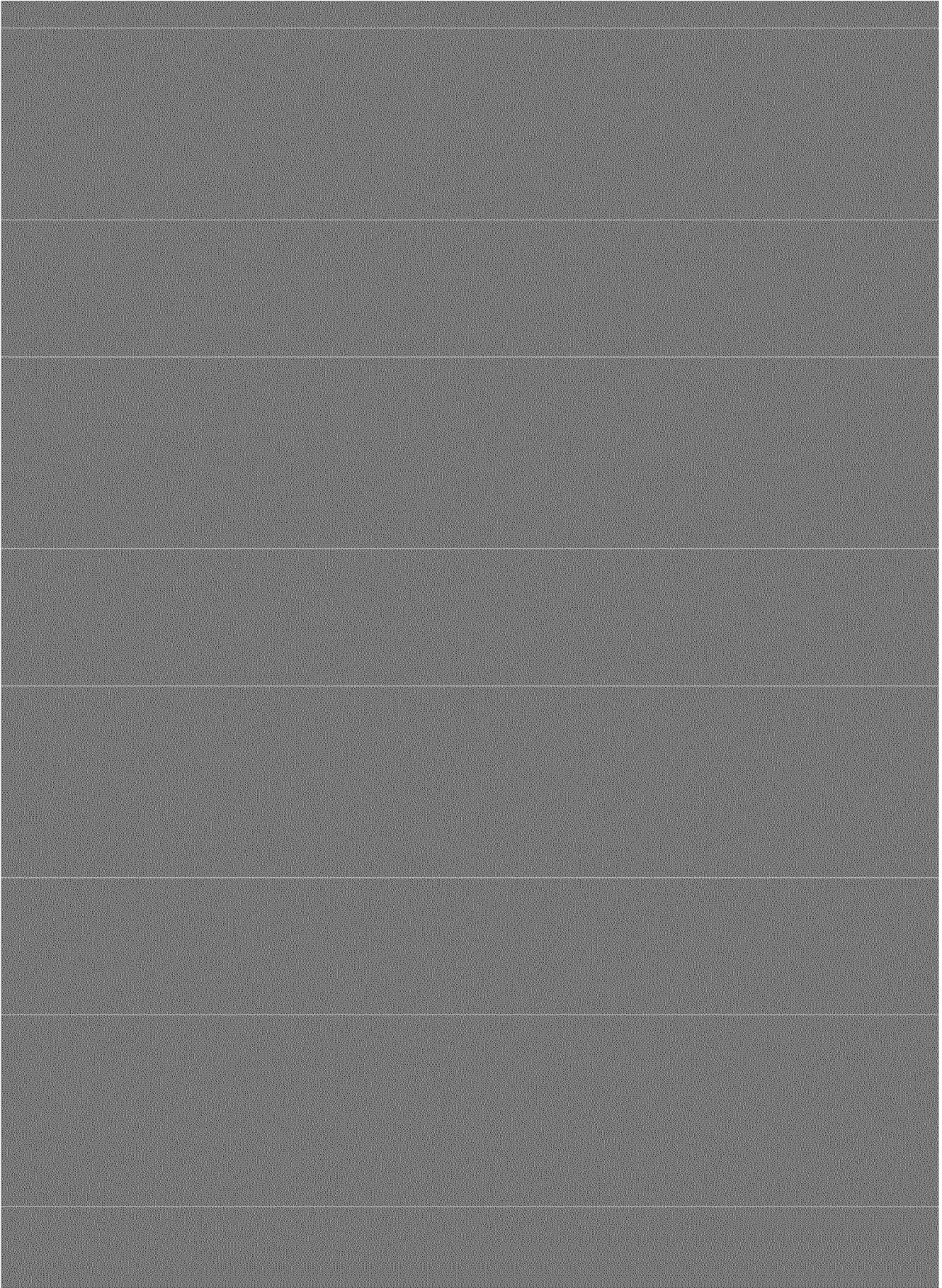
[REDACTED]

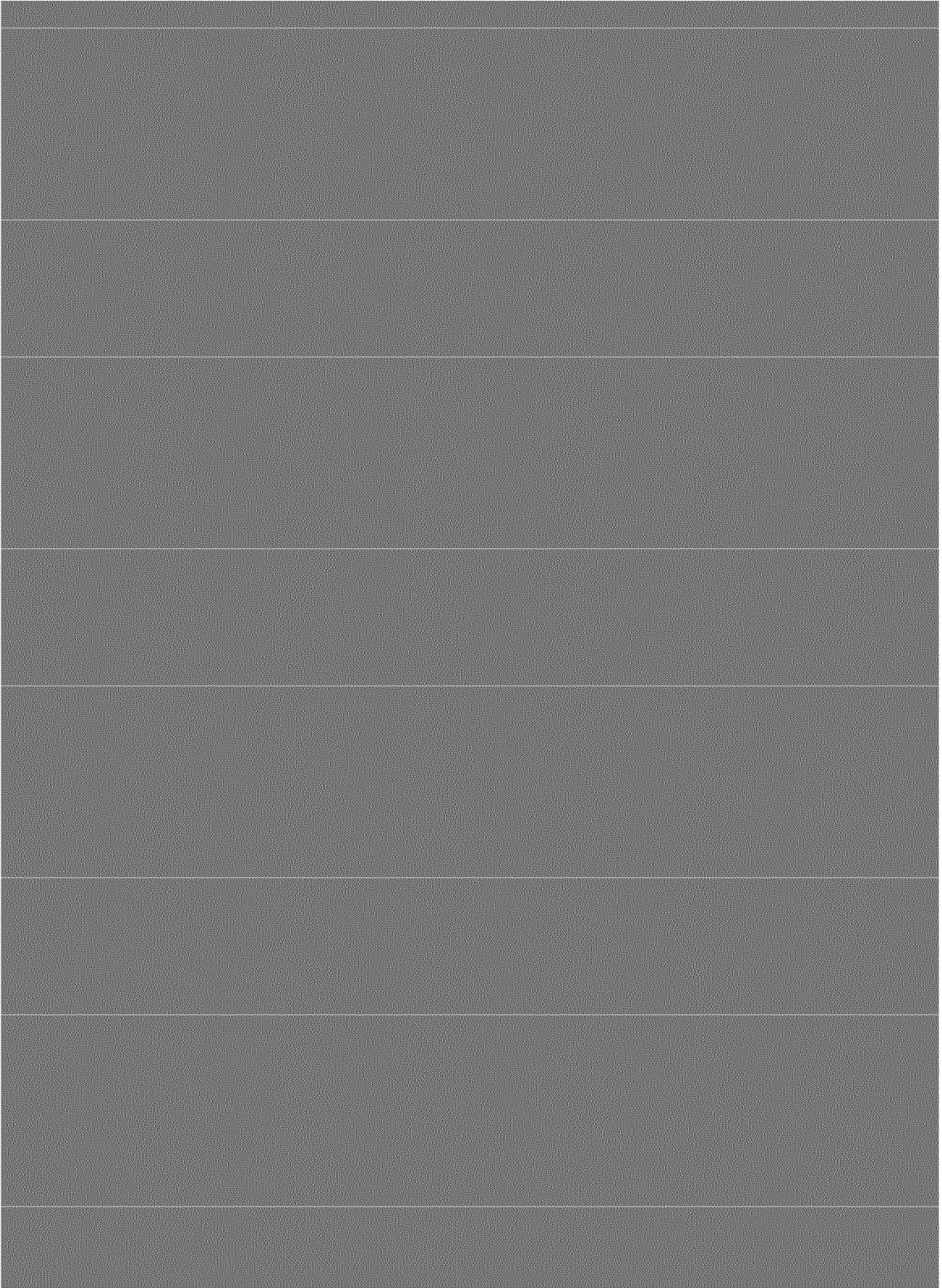
[REDACTED]

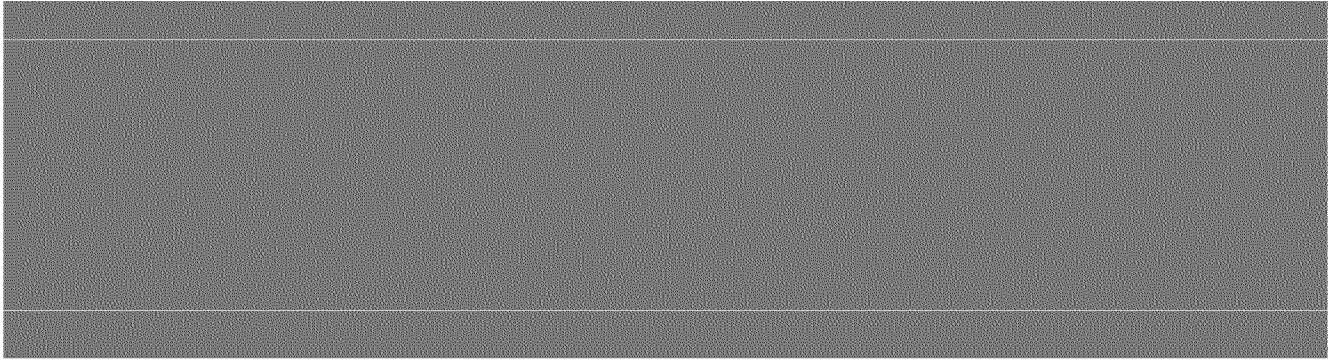
[REDACTED]

[REDACTED]

Sept	Oct	Nov	Dec		Jan.	Feb	Mar	Apr
Fe	Fe	Fe	Fe					
3000	4240	5417	14396	Ave. Trec Fe 2012-2014	5107	7308	7322	4347
3920	3983	3727	3919	50th Trec Fe 2012-14	5096	7308	7214	3580
2241	4390	2624						
1340	1883			Ave. monthly flows	56	54	77	213
	1503			2012-2014 (cfs)				
				Trec Fe Load 2012-2014	1531	2127	3023	4995
				lbs/day				





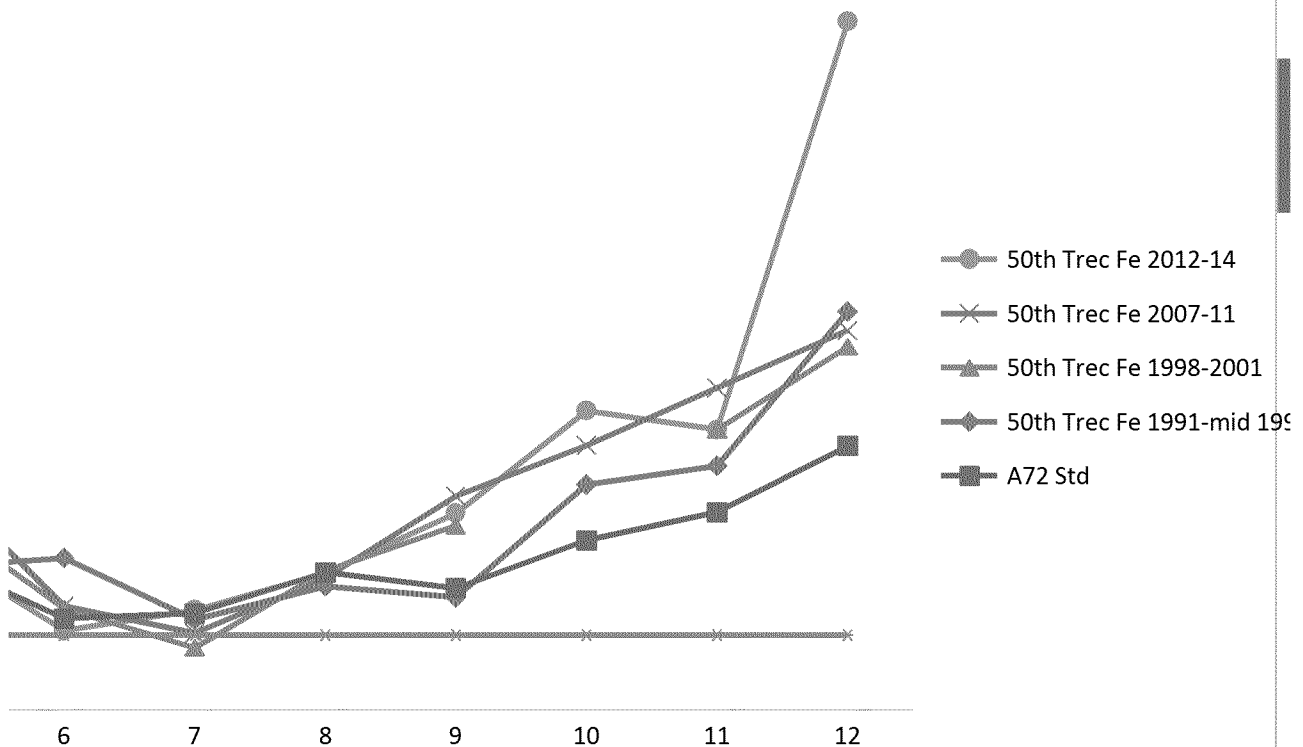


May	June	July	Aug	Sept	Oct	Nov	Dec
1925	2065	1798	1650	1604	4200	3375	5300
1900	2025	1200	1650	1500	3000	3250	5300
2015	1220	1286	1830	1623	2258	2631	3511
1000	1000	1000	1000	1000	1000	1000	1000

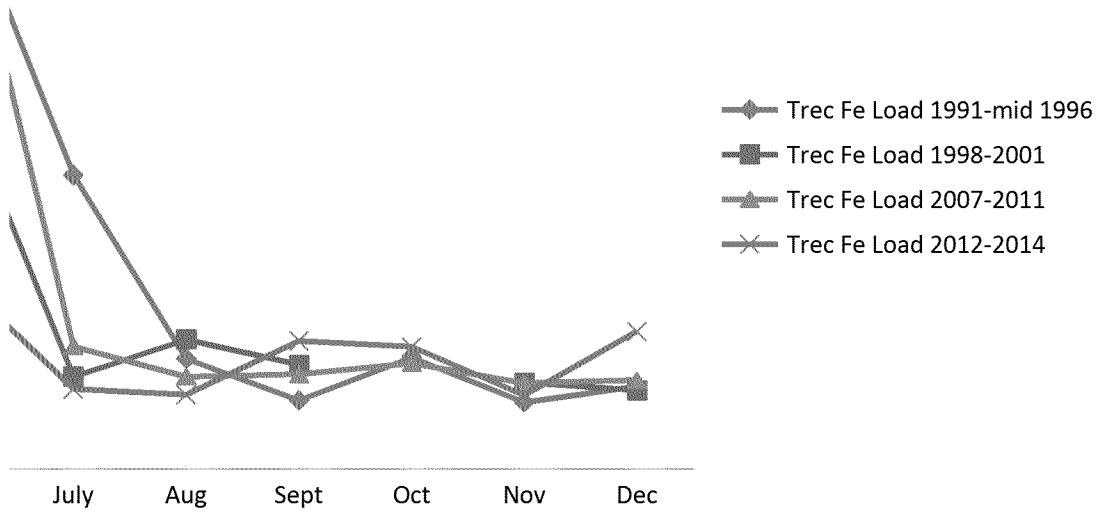
688	1158	679	278	179	110	82	65
-----	------	-----	-----	-----	-----	----	----

7142	12889	6581	2473	1544	2494	1498	1853
------	-------	------	------	------	------	------	------

Trec Fe Conc. at A72



Trec Fe Load at A72



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

May	June	July	Aug	Sept	Oct	Nov	Dec
3111	2037	1057	1889	2744	3380	4285	5402
3103	1383	1025	1754	2845	3520	4283	5049
743	1194	481	203	143	130	84	68

[REDACTED]

12467 13111 2743 2068 2123 2369 1932 1991

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

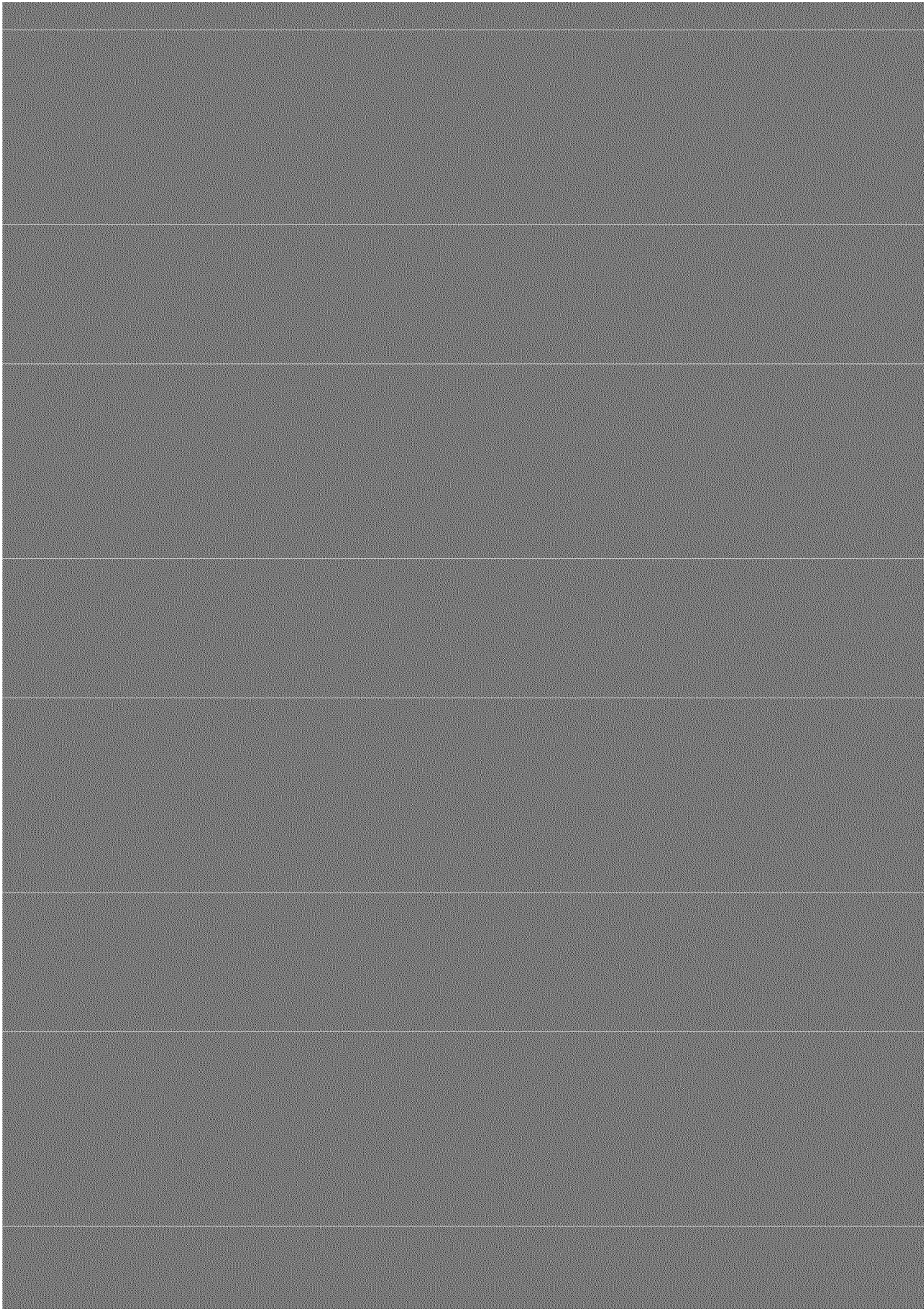
[REDACTED]

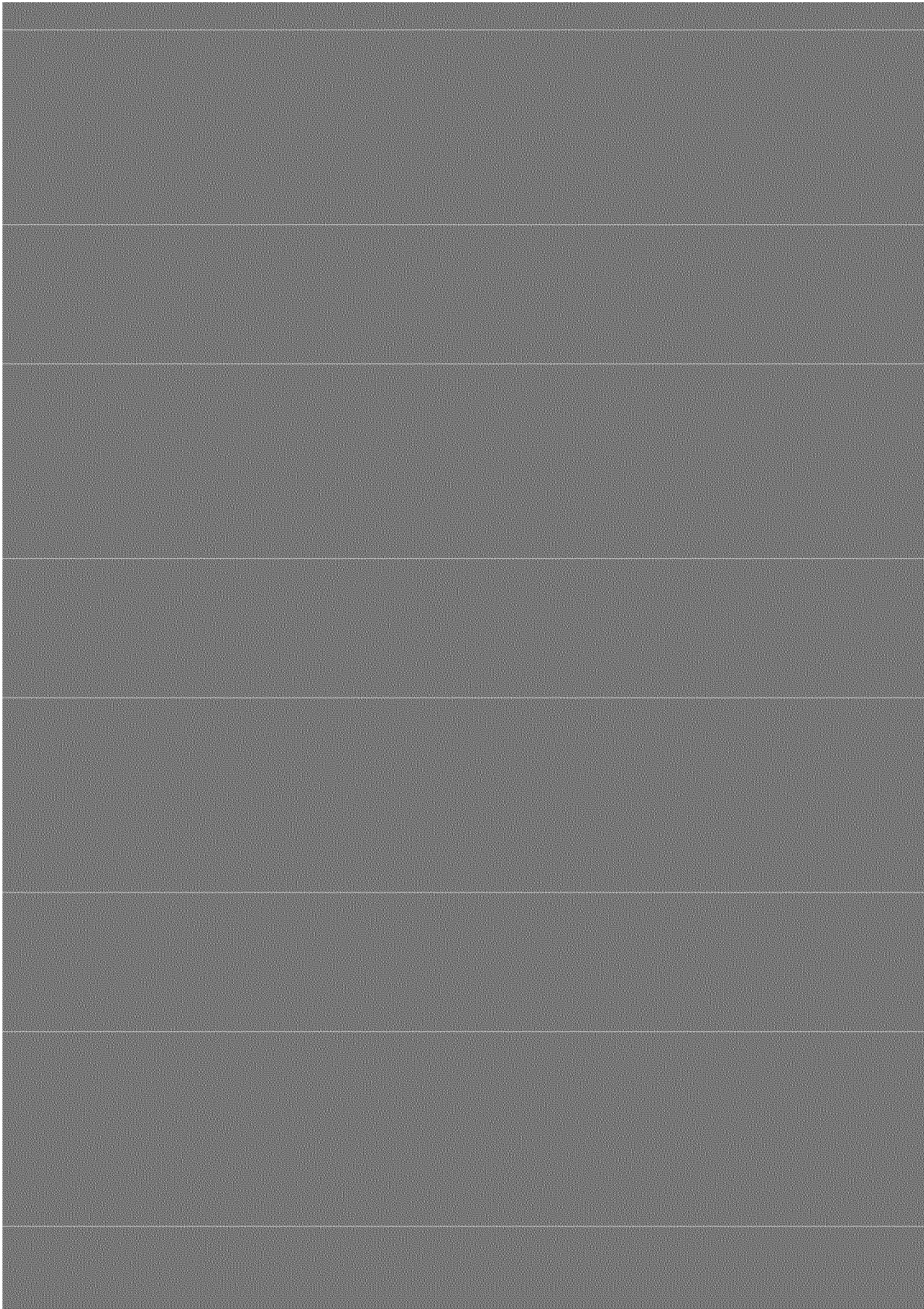
[REDACTED]

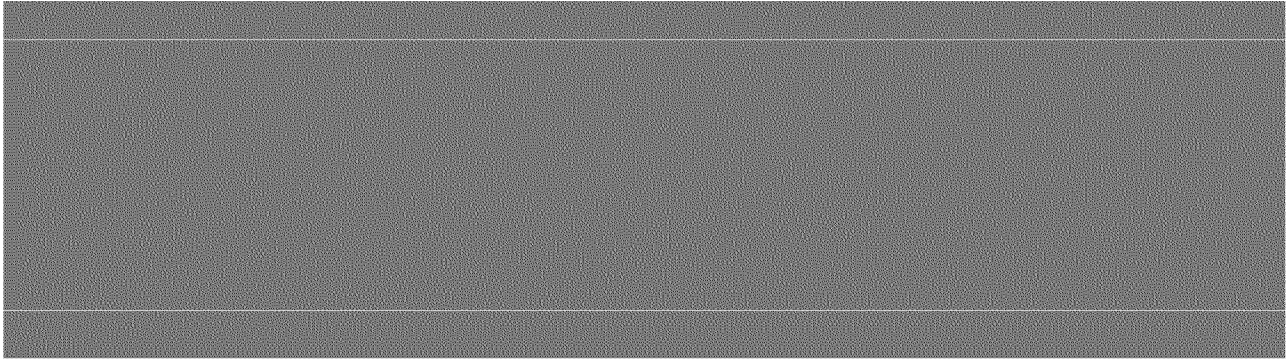
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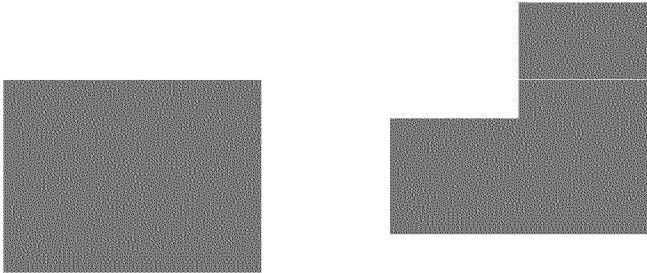
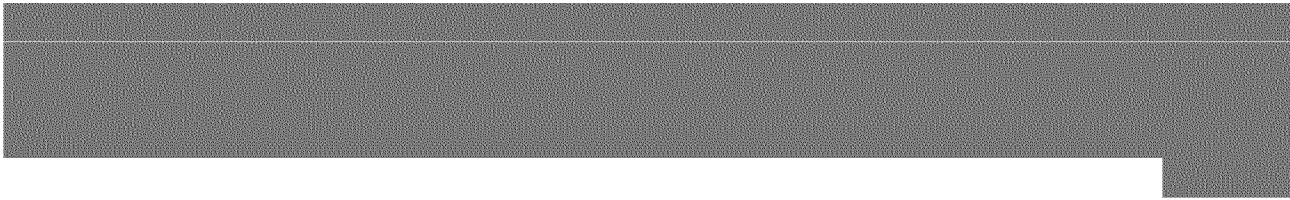
[REDACTED]


May	June	July	Aug	Sept	Oct	Nov	Dec
2752	1113	1335	1775	2625	3200	3923	9158
2134	1057	1335	1826	2621	3983	3727	9158
644	703	250	174	203	159	79	62
9560	4214	1797	1663	2870	2738	1661	3081









 Table Value Std.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

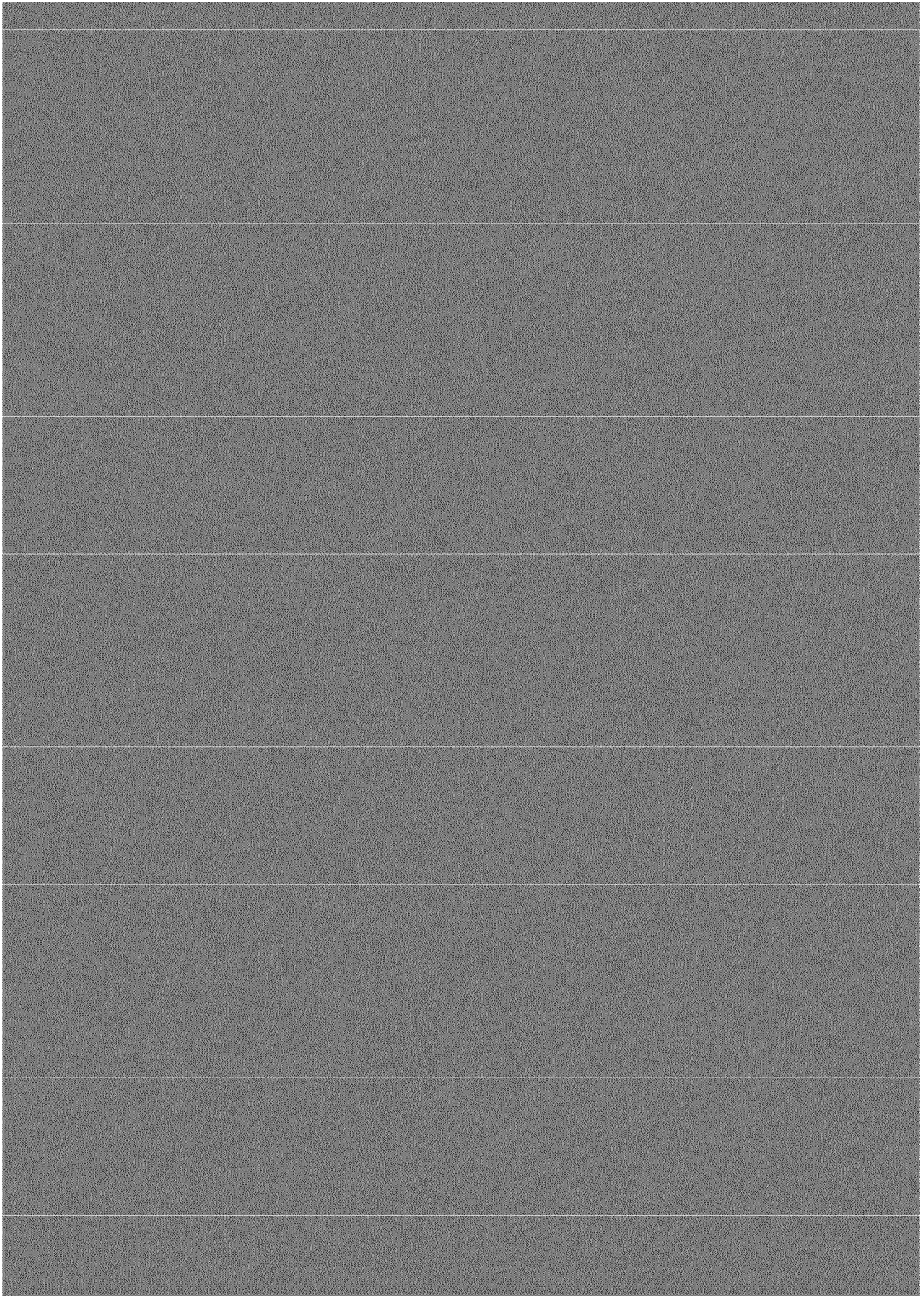
[REDACTED]

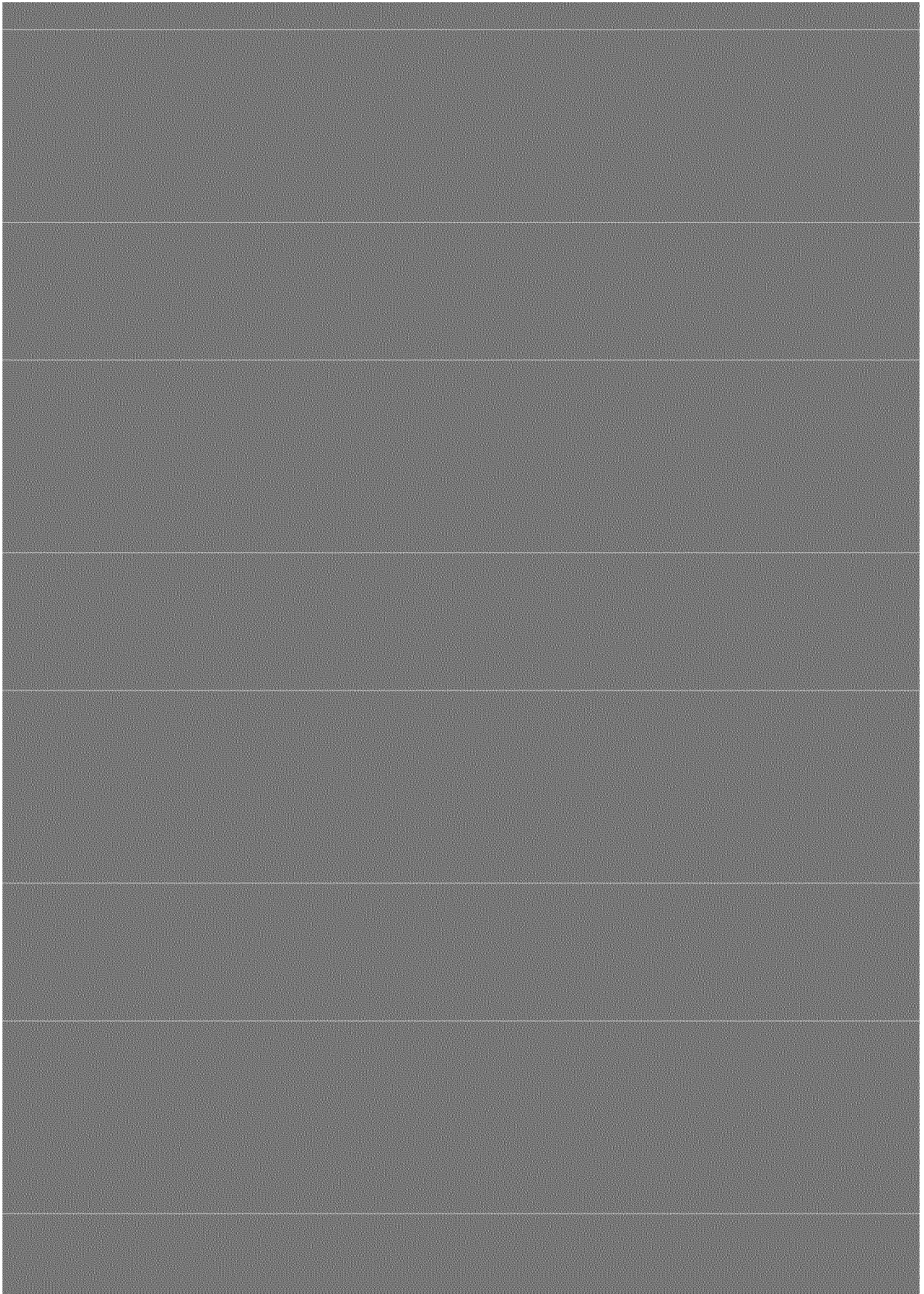
[REDACTED]

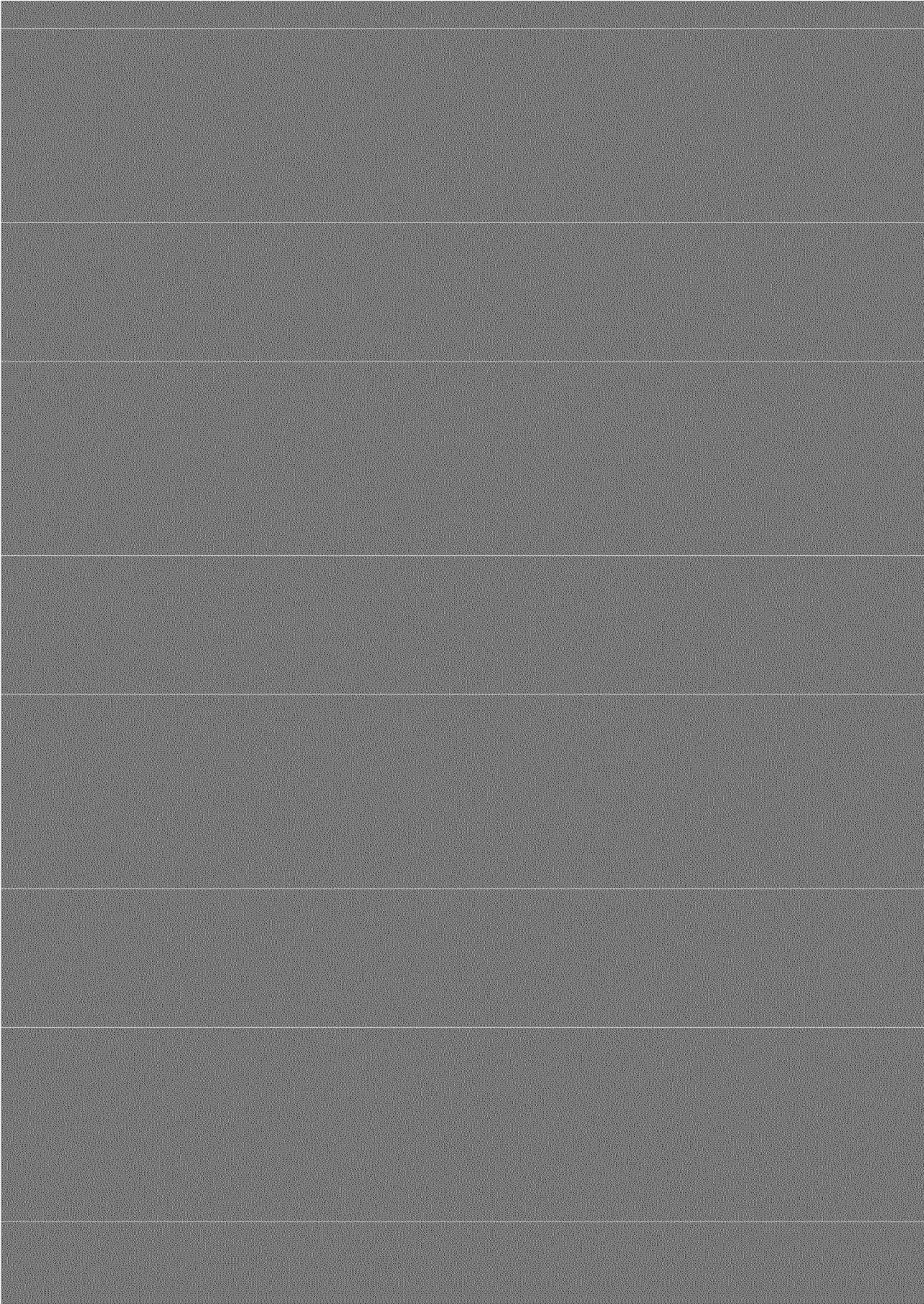
[REDACTED]

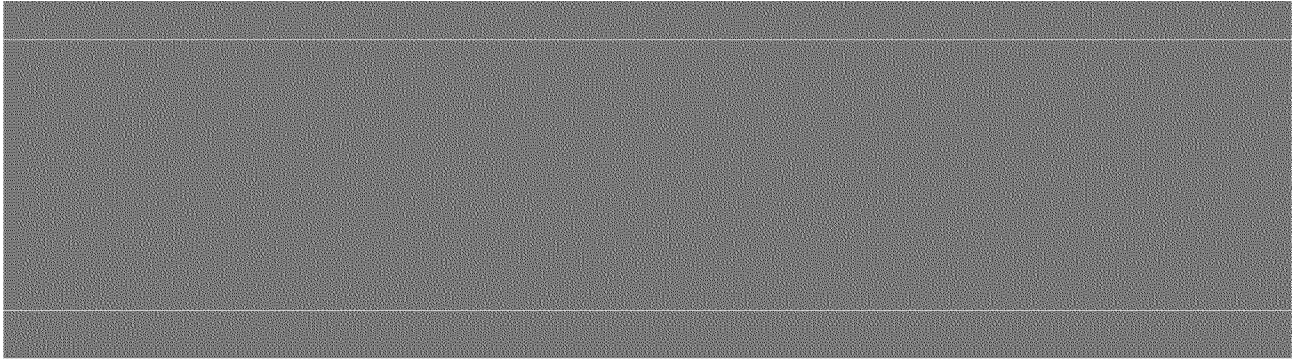
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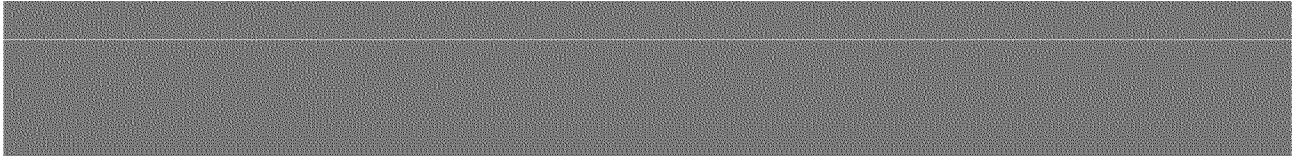
[REDACTED]











[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

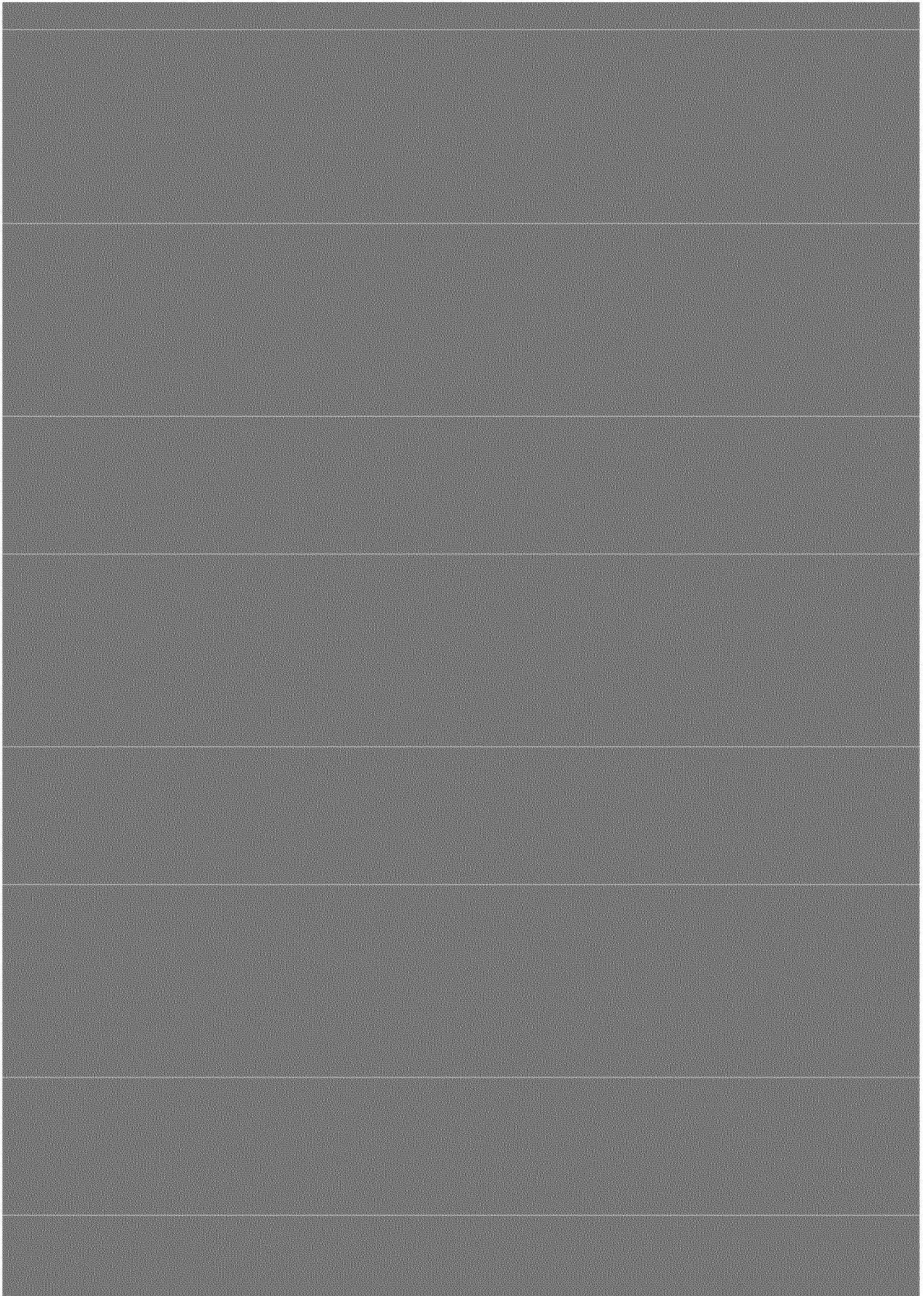
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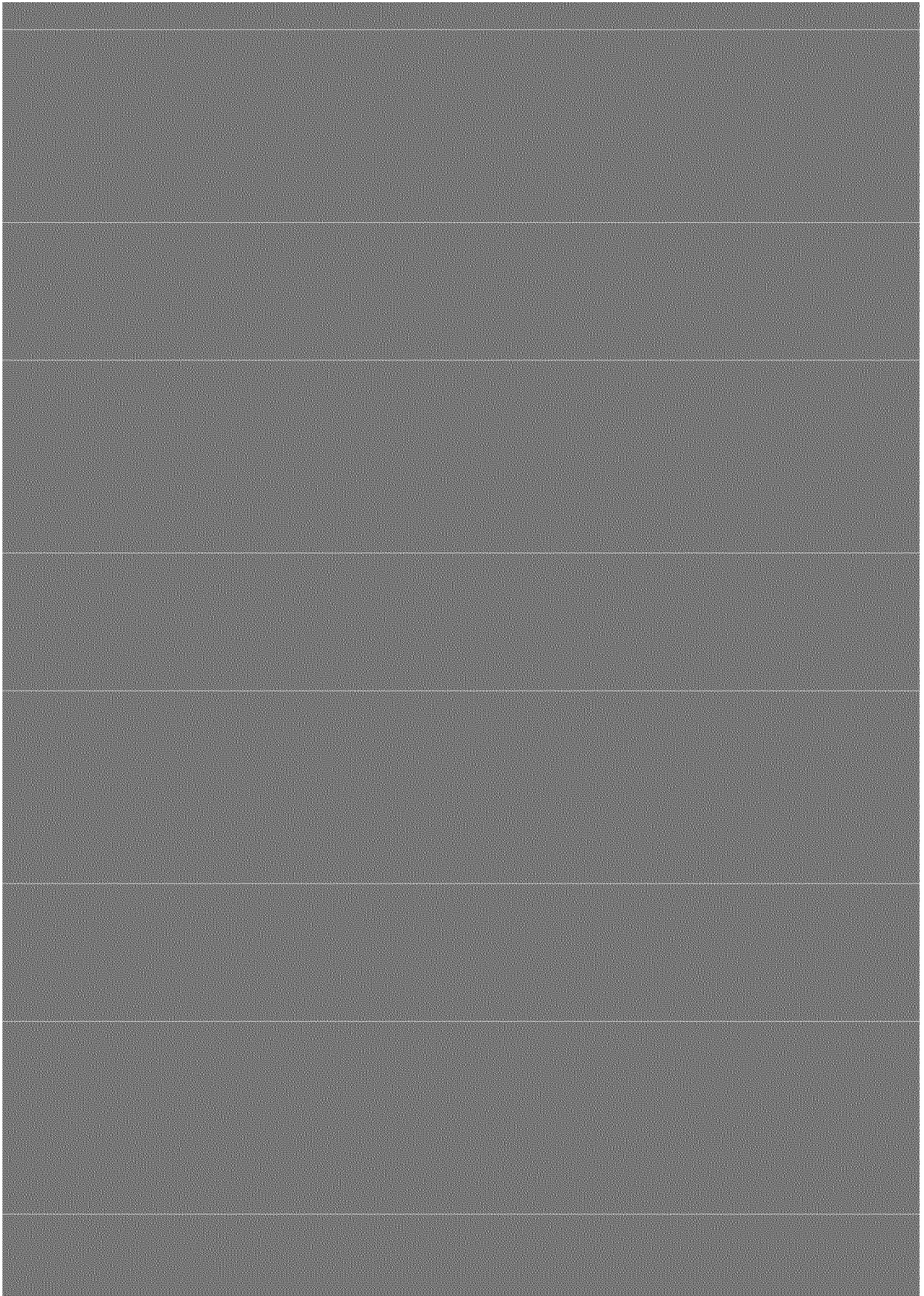
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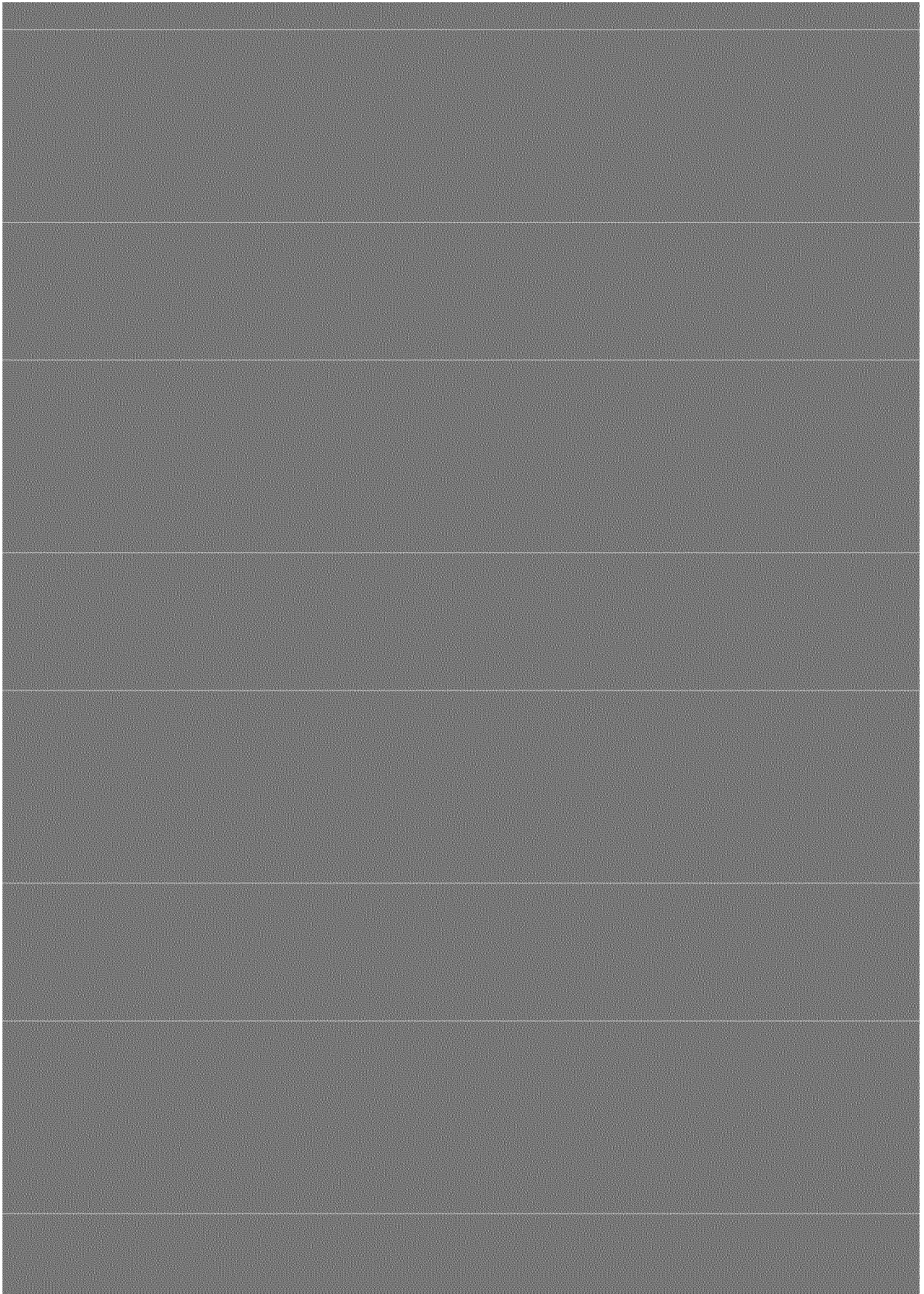
[REDACTED]

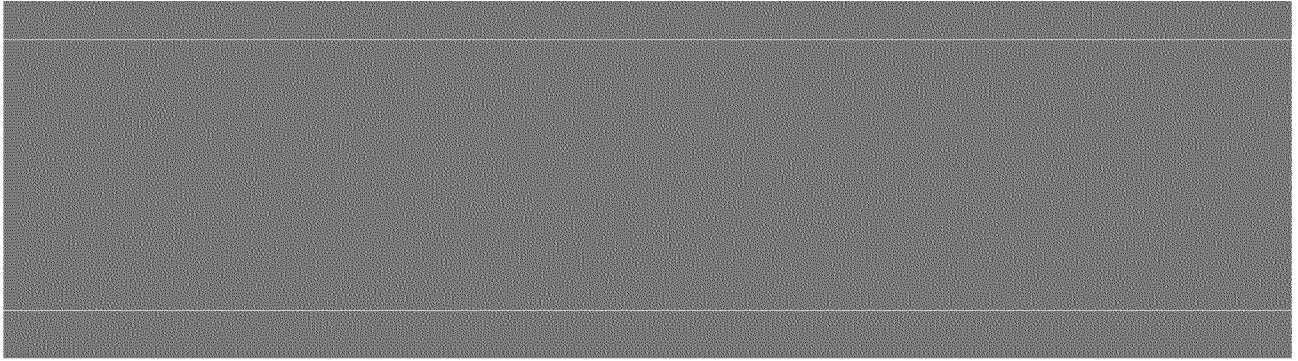
[REDACTED]

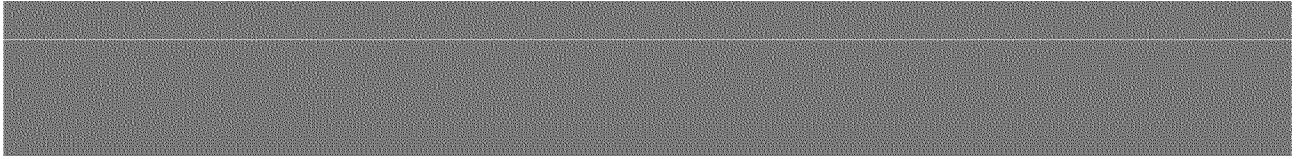
[REDACTED]











[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

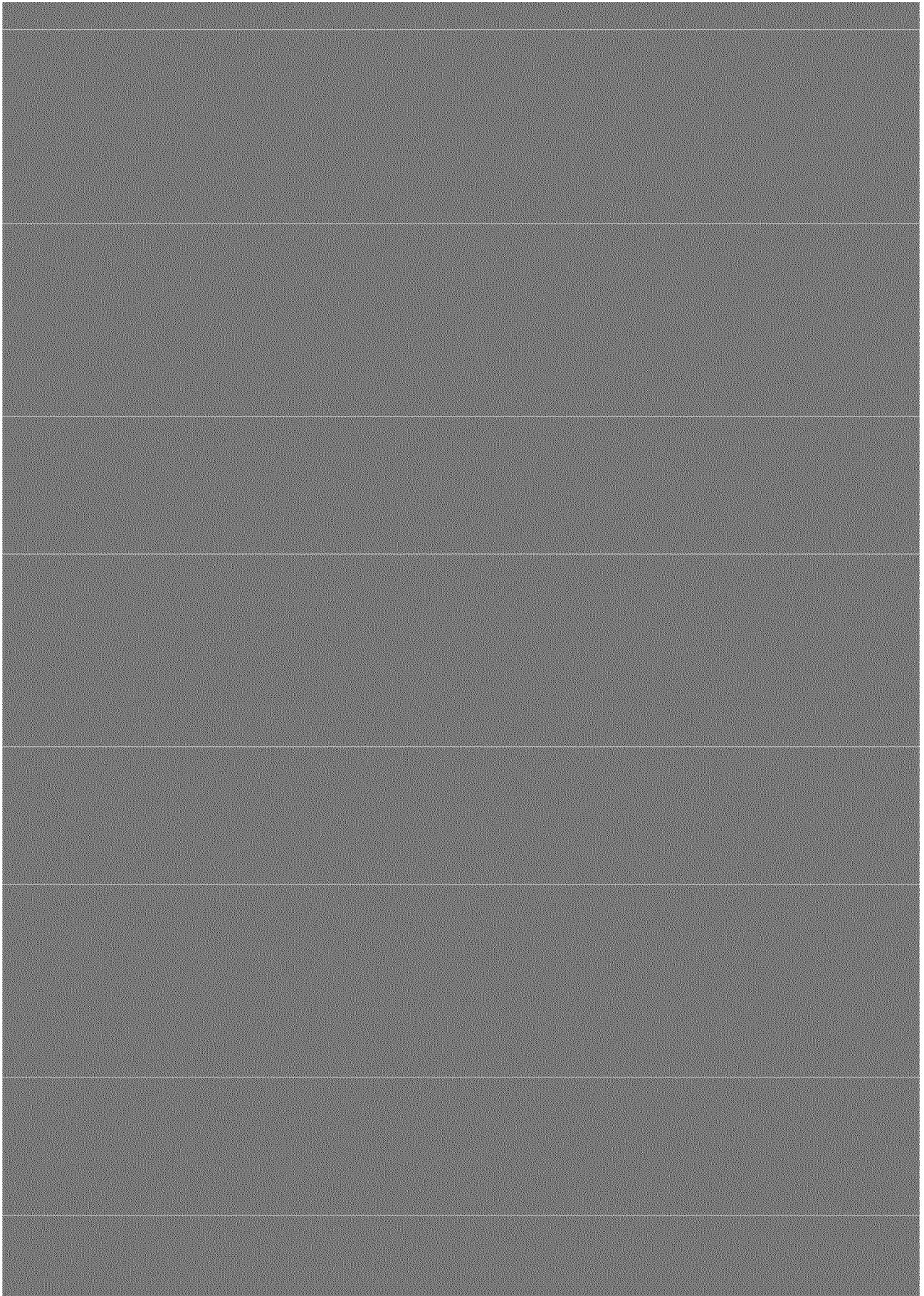
[REDACTED]

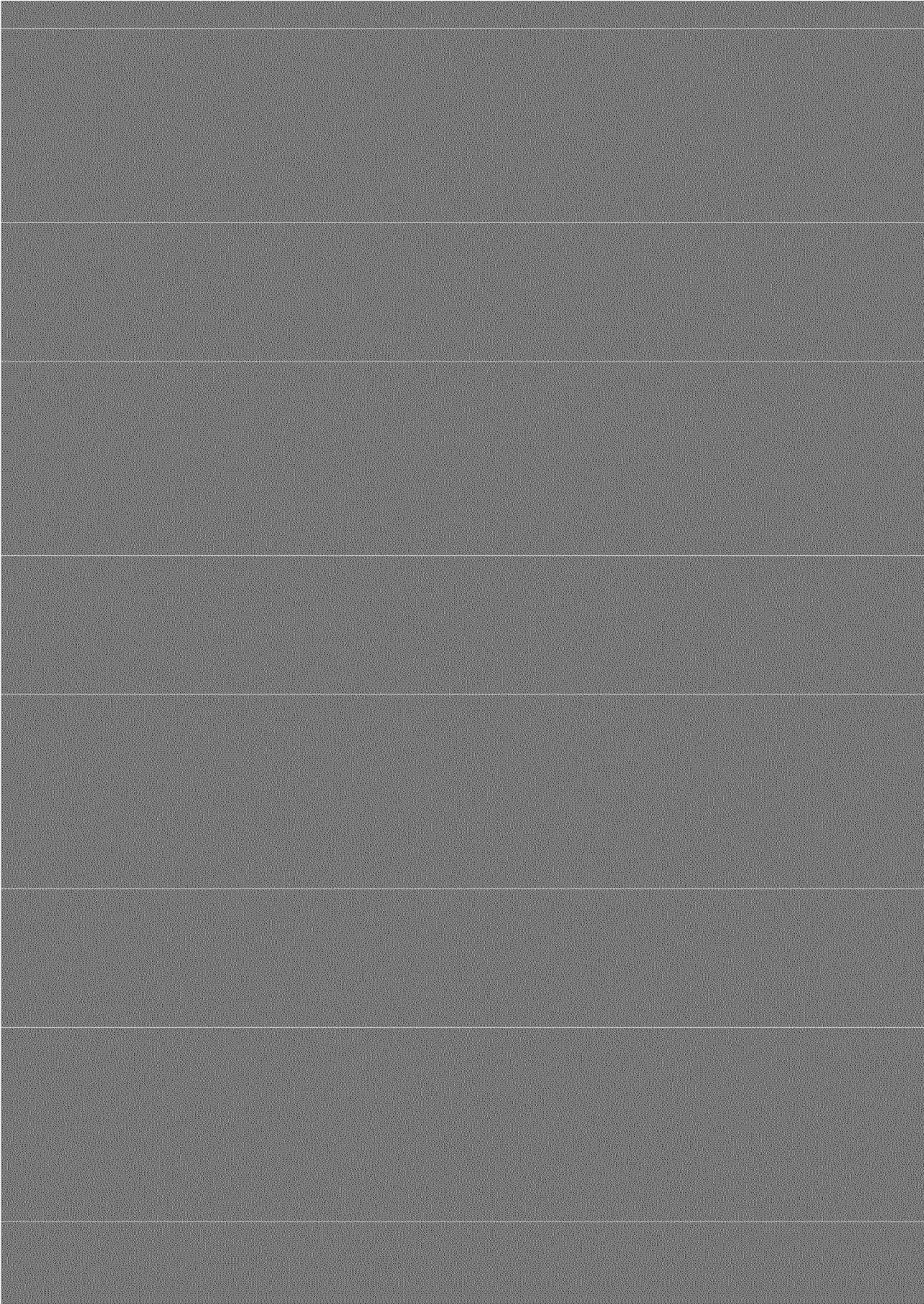
[REDACTED]

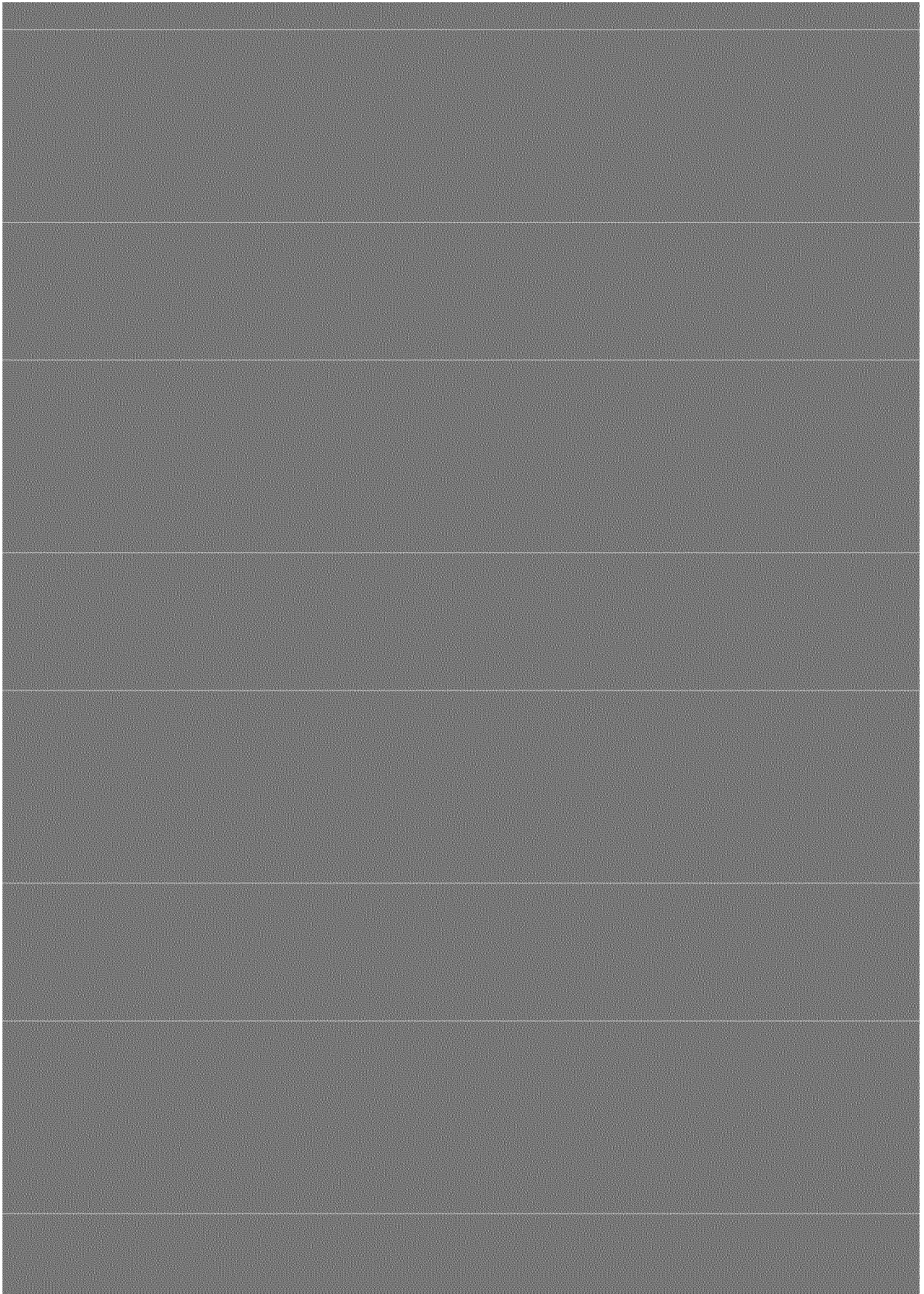
[REDACTED]

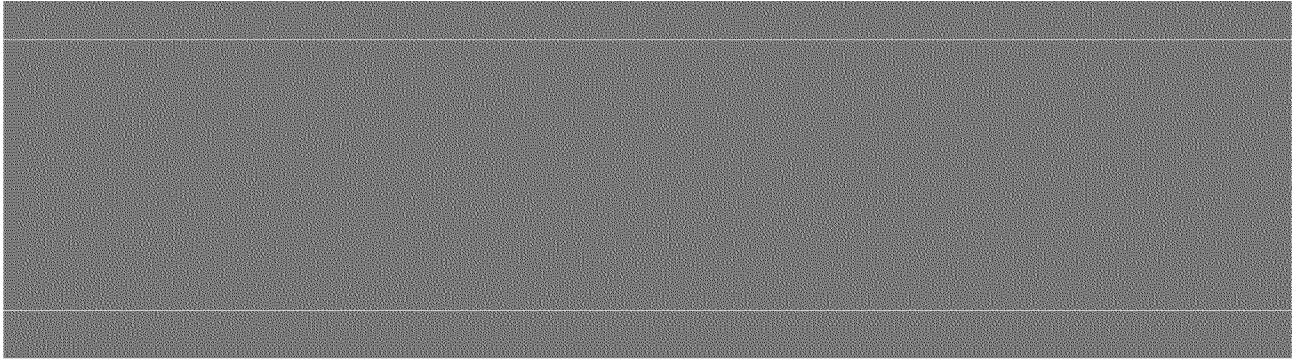
[REDACTED]

[REDACTED]









DATE	PH									
		Jan. pH	Feb pH	Mar pH	Apr pH	May pH	June pH	July pH	Aug pH	Sept pH
		7.1	6.4	6.4	7.2	7.7	7.4	7.9	7.2	6.2
01/16/91	7.1	6.4	6.11		6.65	7.5	7.2	7.4	7.5	6.3
02/18/91	6.4	6.22			6.4166	6.8	7.35	6.73		6.86
09/05/91	6.2				7			7.6		6.42
09/06/91	6.3						7.2	7.3		6.35
09/07/91	6.86						7.6			7.4
09/09/91	6.42						7.7			7.3
09/10/91	6.35						7.635			7.4
10/21/91	7.3						7.14			7.05
04/30/92	7.2									
05/26/92	7.7									
06/23/92	7.4									
06/24/92	7.2									
06/25/92	7.5									
06/25/92	7.2									
07/23/92	7.9									
08/19/92	7.2									
09/24/92	7.4									
10/14/92	6.3									
10/15/92	6.8									
10/22/92	7									
06/15/93	7.2									
07/20/93	7.4									
07/21/93	6.73									
08/23/93	7.5									
09/28/93	7.3									
10/26/93	7.3									
11/10/93	6.6									
11/29/93	6.7									
12/29/93	6.2									
03/29/94	6.4									
05/16/94	7.5									
05/18/94	6.8									
06/02/94	7.6									
06/27/94	7.7									
07/18/94	7.6									
07/26/94	7.3									
09/28/94	38 7.4									
11/09/94	7.1									
11/09/94	7.1									
11/09/94	7									

COLOR CODE: 1991 1992 1993 1994 1995 1996
All red font are averages of same day samples

11/09/94	7
01/18/95	6.4
02/07/95	6.11
02/07/95	6.11
04/12/95	6.6
04/12/95	6.7
06/21/95	7.57
06/21/95	7.7
09/06/95	7.05
11/29/95	7.15
11/29/95	6.3
01/16/96	6.22
04/09/96	7.1
04/09/96	6.37
04/09/96	5.78
05/22/96	7
06/18/96	7.14

		Jan.	Feb	Mar	Apr	May	June	July	Aug	Sept
		pH	pH	pH	pH	pH	pH	pH	pH	pH
01/07/98	6.49	6.49	5.7	5.46	6.03	6.10	7.17	6.27	6.01	7.05
01/07/98	6.49	5.36	6.11	5.90	6.29	5.9	6.8	7.20	6.95	6.28
2/4/1998	5.7	4.78	5.33	5.45	6.23	6.54	7.09	6.28	6.44	6.73
2/4/1998	5.7	5.84	6.04	4.60	6.46	6.18	7.17	5.85	7.16	6.62
02/13/98	6.11		5.09	5.32	6.20	6.25	6.56	6.11	6.3	6.62
03/04/98	5.46		5.59	5.46	5.62	7.01	7.26	6.32	6.61	5.6
03/04/98	5.46				6.41	5.55	7.41	6.26	5.72	5.92
03/16/98	5.90				6.95	7.12	6.46		6.28	
04/08/98	6.03				5.55		6.87		7.13	
04/08/98	6.03				6.73		6.55		6.38	
04/08/98	6.03									
04/08/98	6.03									
04/23/98	6.29									
05/05/98	5.84									
5/5/1998	6.36									
05/07/98	5.9									
05/07/98	5.9									
05/29/98	6.54									
06/02/98	6.52									
6/2/1998	7.81									
06/10/98	6.8									
06/10/98	6.8									
06/10/98	6.78									
06/25/98	7.09									
07/01/98	6.27									
07/01/98	6.27									
07/09/98	7.20									
07/22/98	6.28									

COLOR CODE: 1998 1999 2000 2001

All red font are averages of same day samples

7/22/1998	
08/05/98	6.01
08/05/98	6.01
9/2/1998	7.21
9/2/1998	6.89
09/09/98	6.28
09/09/98	6.28
09/30/98	6.73
10/07/98	6.82
10/07/98	6.82
11/10/98	6.4
11/10/98	6.4
11/13/1998	6.74
12/02/98	6.01
12/02/98	6.01
01/06/99	5.36
01/06/99	5.36
02/04/99	5.33
02/04/99	5.33
02/19/99	6.04
03/03/99	5.45
03/03/99	5.45
04/07/99	6.23
04/07/99	6.23
4/8/1999	6.4
04/30/99	6.20
05/06/99	6.18
05/06/99	6.18
6/3/1999	7.17
06/09/99	6.56
06/09/99	6.56
6/23/1999	7.26
07/07/99	5.85
07/07/99	5.85
08/04/99	6.95
08/04/99	6.95
08/19/99	6.44
8/26/1999	7.1
09/01/99	6.62
09/01/99	6.62
10/06/99	6.85
10/06/99	6.85
11/03/99	5.79
11/03/99	5.79
11/30/1999	6.4
12/01/99	5.68
12/01/99	5.68

01/05/00		4.78
01/05/00		4.78
02/02/00		5.09
02/02/00		5.09
03/01/00		4.60
03/01/00		4.60
04/05/00		5.62
04/05/00		5.62
4/13/2000		6.41
4/25/2000		6.95
05/03/00	86	6.25
05/03/00		6.25
5/24/2000		7.01
6/1/2000		7.41
06/07/00		6.46
06/07/00		6.46
6/29/2000		6.87
07/05/00		6.11
07/05/00		6.11
7/19/2000		6.32
08/02/00		6.3
08/02/00		6.3
8/9/2000		6.61
8/18/2000		5.72
09/06/00		6.62
09/06/00		6.62
9/16/2000		5.6
10/04/00		6.37
10/04/00		6.37
11/01/00		5.53
11/01/00		5.53
11/7/2000		6.39
12/1/2000	636	4.72
12/06/00		5.8
12/06/00		5.8
01/03/01		5.84
01/03/01		5.84
01/03/01	85	5.84
01/03/01		5.84
02/07/01		5.59
02/07/01		5.59
03/14/01	30	5.32
03/14/01		5.32
3/20/2001		5.46
04/04/01		5.55
04/04/01	17.9	5.55
4/30/2001		6.73
05/02/01		5.55

05/02/01	576	5.55
5/30/2001		7.12
06/06/01		6.55
06/06/01	33	6.55
07/06/01		6.26
07/06/01		6.26
08/01/01		6.28
08/01/01		6.28
8/10/2001		7.13
8/21/2001		6.38
09/05/01		5.92
09/05/01		5.92
10/03/01		6.1
10/03/01		6.1
11/1/2001		6.45
11/06/01		5.44
11/06/01		5.44
12/05/01		6.33
12/05/01		6.33

			Jan.	Feb	Mar	Apr	May	June	July	Aug	Sept
			pH	pH	pH	pH	pH	pH	pH	pH	pH
1/11/07	5.23		5.23	5.07	5.04	5.43	6.77	7.05	6.94	7.40	6.53
4/2/2007	5.43				5.30	6.70	7.23	7.25	7.34	6.94	7.23
4/16/2007	6.7					6.80	7.60	7.22	6.80	7.42	6.20
05/11/2007	6.77					6.09	6.60	7.09	7.42	6.60	7.25
5/11/2007	6.77										
5/15/2007	7.23					6.30	6.79	6.51	7.13	6.41	6.46
5/16/2007	7.6					5.84	6.80	7.07	6.88	6.55	6.48
07/11/2007	6.85						7.45	7.40	6.80	6.40	7.45
7/11/2007	7.02						7.08	6.50	6.80	7.14	6.38
7/12/2007	7.34						6.56	6.86	6.57	7.71	
7/18/2007	6.8						6.20		7.08	6.51	
8/6/2007	7.4						7.95			6.40	
09/05/2007	6.53										
10/4/2007	7.24										
10/25/2007	6.25										
11/6/2007	6.6										
11/07/2007	6.4										
11/7/2007	6.4										
12/5/2007	5.91										
05/07/08	6.6										
5/7/2008	6.6										
5/12/2008	6.79										
5/14/2008	6.8										
6/3/2008	7.1										
6/3/2008	7										
07/09/08	7.65										

COLOR CODE:

2007 2008 2009 2010 2011

All red font are averages of same day samples

7/9/2008	7.19	
8/5/2008	6.94	
8/6/2008	7.42	
8/14/2008	6.6	
09/03/08	7.23	
9/3/2008	7.23	
10/6/2008	6.22	
10/22/2008	6.46	
11/7/2008	5.84	
12/2/2008	6.7	
12/3/2008	5.37	
4/29/2009	6.8	
5/13/2009	7.83	
5/13/2009	7.07	
5/18/2009	7.08	
6/10/2009	7.25	
6/12/2009	7.22	
6/16/2009	7.09	
7/8/2009	7.7	
7/8/2009	7.16	
7/14/2009	6.88	
7/21/2009	6.8	
8/10/2009	6.41	
8/12/2009	6.55	
8/18/2009	6.4	
9/9/2009	6.2	
9/16/2009	7.93	
9/16/2009	6.56	
9/22/2009	6.46	
10/5/2009	4.74	
10/26/2009	5.89	
11/4/2009	6	
11/5/2009	5.71	
11/13/2009	5.75	
11/17/2009	5.93	
12/1/2009	5.39	
2/17/2010	5.07	
3/17/2010	5.04	
4/13/2010	6.09	
5/4/2010	6.56	
6/2/2010	6.51	
6/9/2010	7.07	
7/8/2010	6.8	
7/8/2010	6.8	
7/13/2010	6.41	
7/13/2010	6.72	
8/10/2010	7.64	

8/10/2010	6.63											
9/14/2010	6.48											
10/4/2010	7.54											
11/2/2010	6.25											
11/3/2010	6.38											
11/3/2010	6.38											
12/7/2010	5.82											
03/15/11	5.30											
4/4/2011	6.3											
4/6/2011	5.84											
5/4/2011	6.2											
5/8/2011	7.95											
6/7/2011	7.4											
06/14/11	6.50											
6/30/2011	6.86											
07/19/11	7.08											
8/1/2011	7.71											
08/16/11	6.51											
8/31/2011	6.4											
9/7/2011	7.76											
9/7/2011	7.13											
09/13/11	6.38											
10/7/2011	7.41											
10/18/11	6.23											
11/2/2011	6.73											
11/2/2011	7.2											
11/10/2011	6.2											
12/7/2011	6.13											
1/5/2012	4.95		Jan. pH	Feb pH	Mar pH	Apr pH	May pH	June pH	July pH	Aug pH	Sept pH	
3/7/2012	5.13		4.95	4.57	5.13	7.46	7.83	7.96	7.92	7.78	7.79	
4/3/2012	7.46		4.49	5.43	4.56	4.64	6.59	7.71	8.13	7.8	7.57	
5/2/2012	7.83		6.12		5.13	6.13	7.68	7.67		7.89	7.71	
5/7/2012												
5/15/2012	6.59						6.87				7	
5/15/2012	6.59						7.37					
6/2/2012	7.96						6.33					
8/6/2012	7.78											
9/4/2012	7.79											
10/2/2012	5.79											
10/3/2012	6.29											
10/4/2012	6.54											
11/7/2012	5.04											
12/10/2012	4.42											
1/7/2013	4.49											
2/7/2013	4.57											
3/11/2013	4.56											

All red font are averages of same day samples

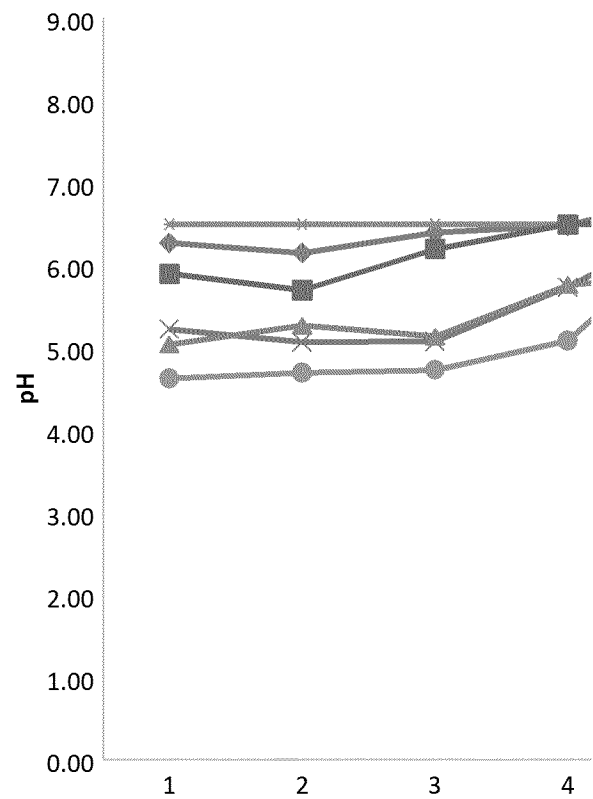
5/30/2013	
5/31/2013	
6/1/2013	
6/2/2013	
6/3/2013	
6/4/2013	
6/5/2013	7.71
6/5/2013	
6/6/2013	
6/7/2013	
6/8/2013	
6/9/2013	
6/10/2013	
6/11/2013	
6/12/2013	
6/13/2013	
6/14/2013	
6/15/2013	
6/16/2013	
6/17/2013	
6/18/2013	
6/19/2013	
6/20/2013	
6/21/2013	
6/22/2013	
6/23/2013	
6/24/2013	
6/25/2013	
6/26/2013	
6/27/2013	
6/28/2013	
6/29/2013	
6/30/2013	
7/1/2013	
7/2/2013	
7/3/2013	
7/4/2013	
7/5/2013	
7/6/2013	
7/7/2013	7.92
7/7/2013	
7/8/2013	
7/9/2013	
7/10/2013	
7/11/2013	
7/12/2013	
7/13/2013	

7/14/2013		
7/15/2013		
7/16/2013		
7/17/2013		
7/18/2013		
8/4/2013	7.8	
9/10/2013	7.57	
10/2/2013	7.83	
11/8/2013	8	
12/13/2013	7	
1/8/2014	6.12	
2/7/2014	5.43	
3/5/2014	5.13	
4/10/2014	6.13	
5/1/2014	7.37	
5/5/2014	6.33	
5/13/2014		
5/21/2014		
5/27/2014		
6/6/2014	7.67	
6/6/2014		
6/13/2014		
6/23/2014		
7/1/2014	8.13	
7/2/2014		
7/11/2014		
7/20/2014		
7/26/2014		
7/30/2014		
8/1/2014	7.89	
9/5/2014	7.71	
9/24/2014	7	
10/2/2014	7.58	
11/7/2014	7.76	
12/5/2014	6.92	

Oct	Nov	Dec
pH	pH	pH

7.3	6.6	6.2
6.3	6.7	
6.8	7.05887	
7	6.725	
7.3		

	Jan.	Feb	Mar	Apr	May	June
Ave. pH 1991-mid 1996	6.57	6.26	6.40	6.76	7.25	7.40
15th pH 1991-mid 1996	6.27	6.15	6.40	6.49	6.89	7.20
A72 Std	5.90	5.70	6.20	6.50	6.50	6.50
Table Value Std	6.50	6.50	6.50	6.50	6.50	6.50



Oct pH	Nov pH	Dec pH
6.82	6.4	6.01
6.85	6.74	5.68
6.37	5.79	4.72
6.1	6.45	5.8
	5.53	6.33
	6.39	
	6.45	
	5.44	

Ave. pH 1998-2001
15th pH 1998-2001

Jan.	Feb	Mar	Apr	May	June
5.62	5.65	5.37	6.24	6.33	6.93
5.04	5.27	5.14	5.76	5.91	6.55

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

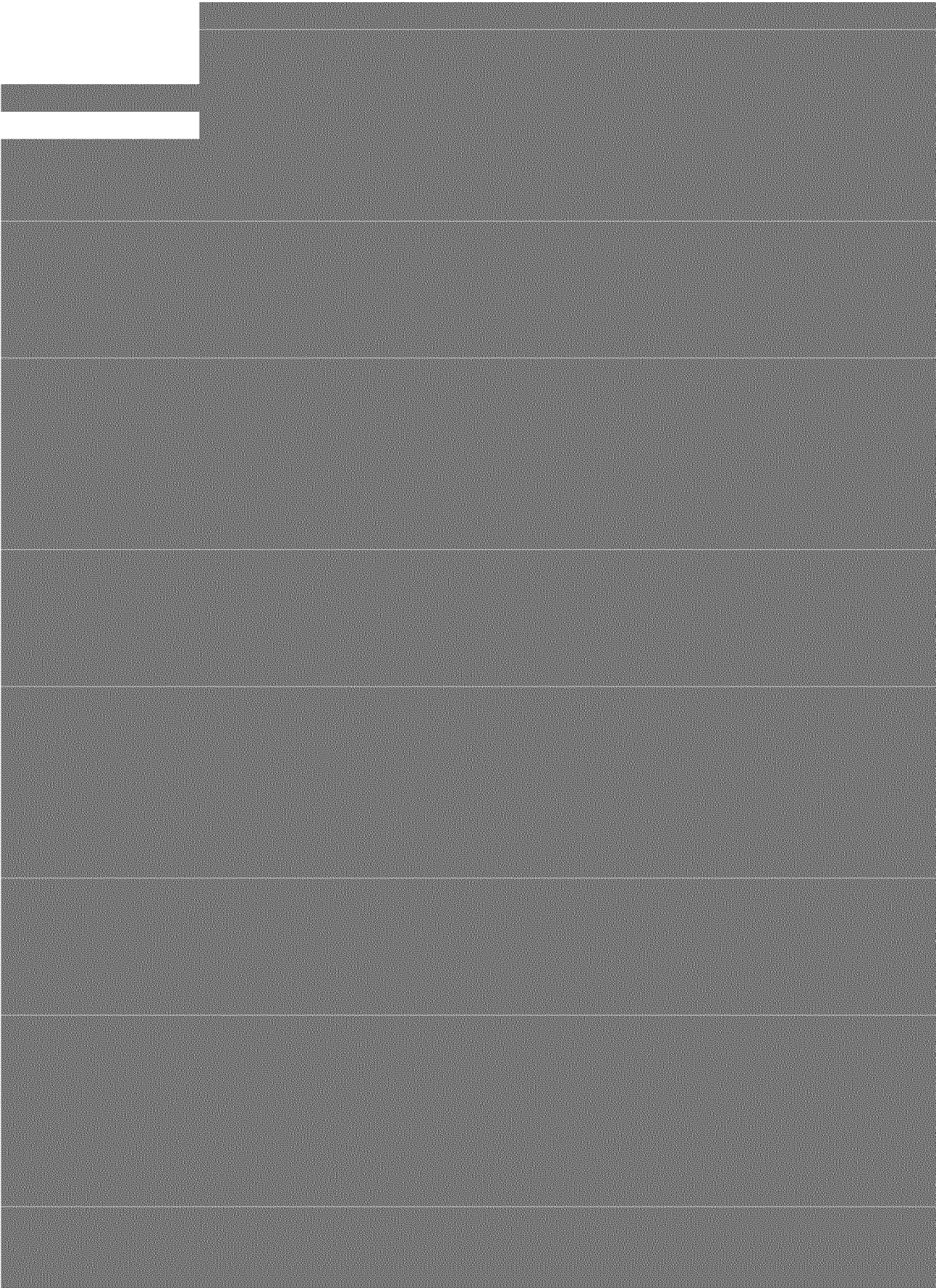
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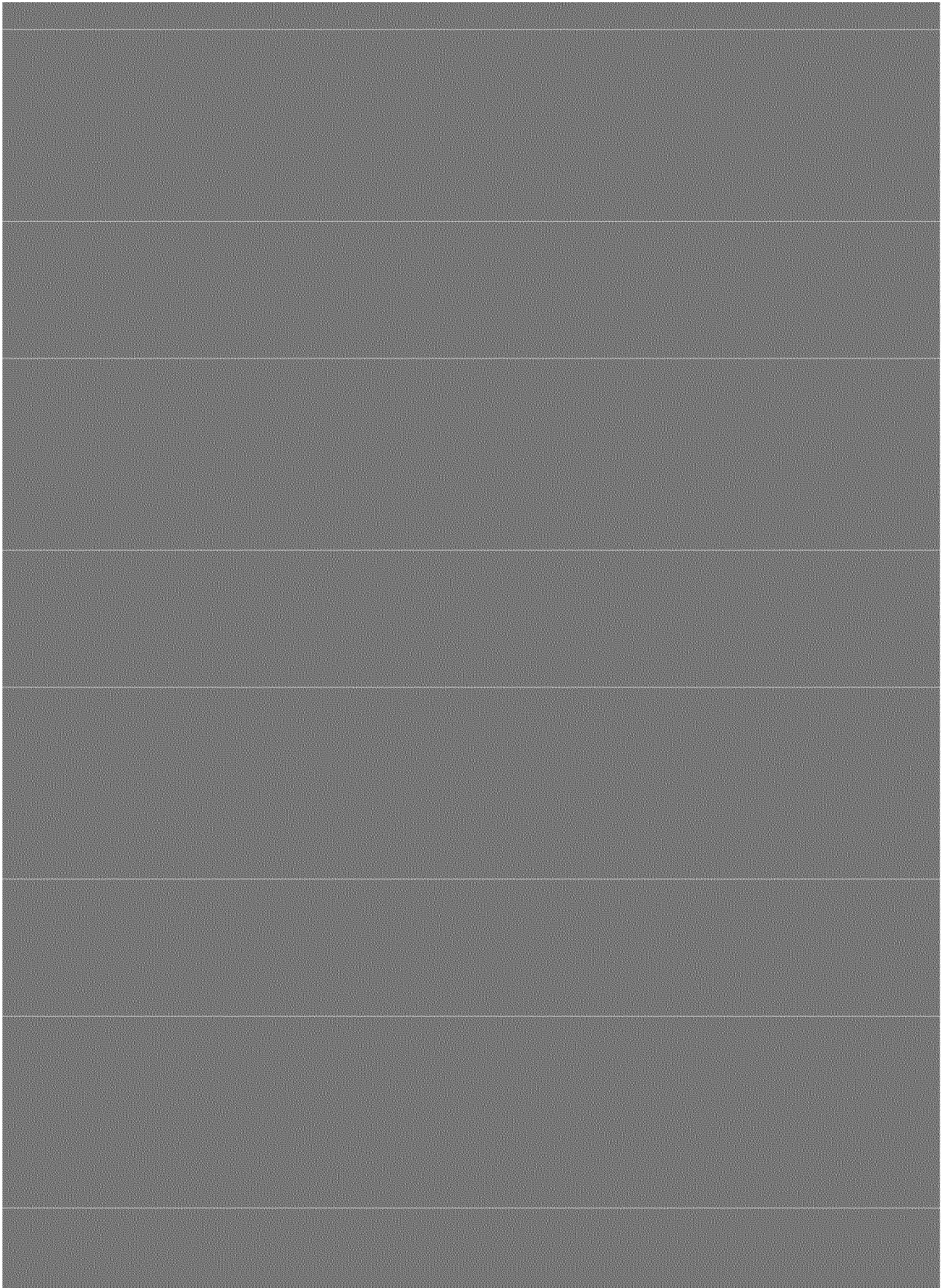
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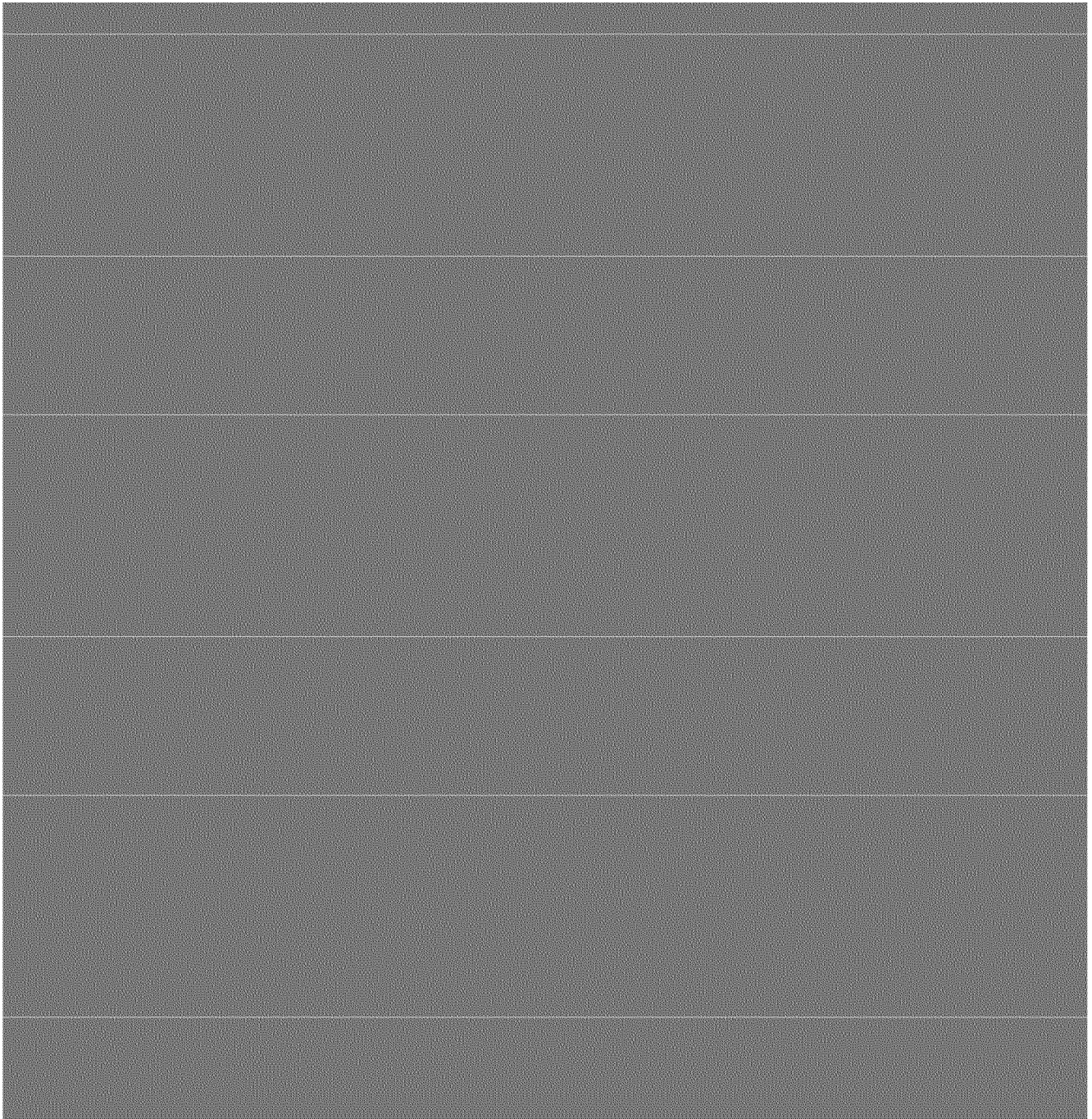
[REDACTED]

Oct	Nov	Dec			Jan.	Feb	Mar	Apr	May	June
pH	pH	pH								
5.79	5.04	4.42		Ave. pH 2012-2014	5.19	5.00	4.94	6.08	7.11	7.78
6.29	8	7		15th pH 2012-2014	4.63	4.70	4.73	5.09	6.53	7.68
6.54	7.76	6.92								
7.83										
7.58										

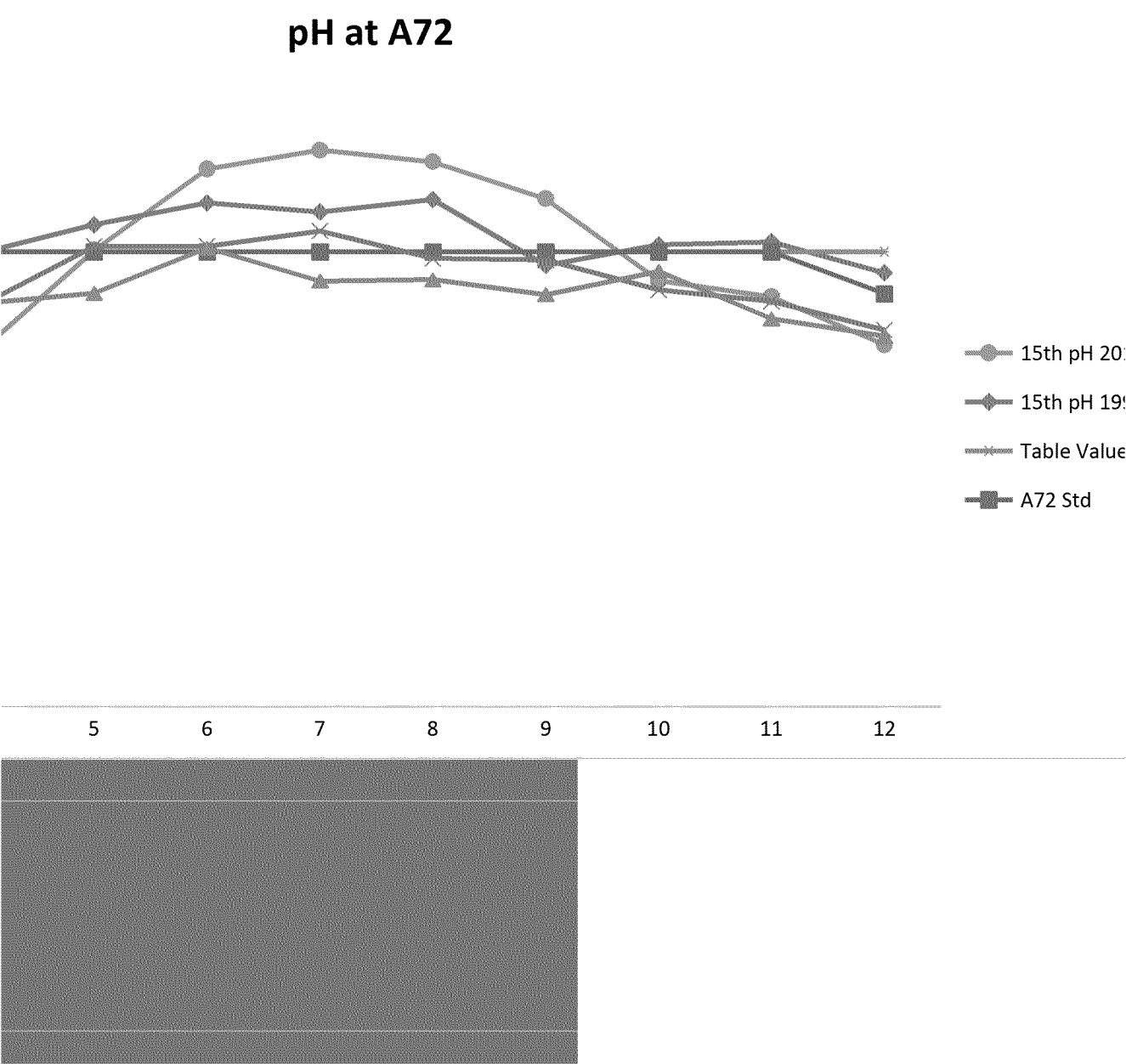
[REDACTED]







July	Aug	Sept	Oct	Nov	Dec
7.39	7.35	6.81	6.94	6.77	6.20
7.07	7.25	6.31	6.60	6.65	6.20
6.50	6.50	6.50	6.50	6.50	5.90
6.50	6.50	6.50	6.50	6.50	6.50



July	Aug	Sept	Oct	Nov	Dec
6.33	6.49	6.40	6.54	6.14	5.71
6.08	6.10	5.89	6.22	5.54	5.30

July	Aug	Sept	Oct	Nov	Dec
7.01	6.86	6.75	6.44	6.18	5.89
6.80	6.41	6.38	5.96	5.80	5.39

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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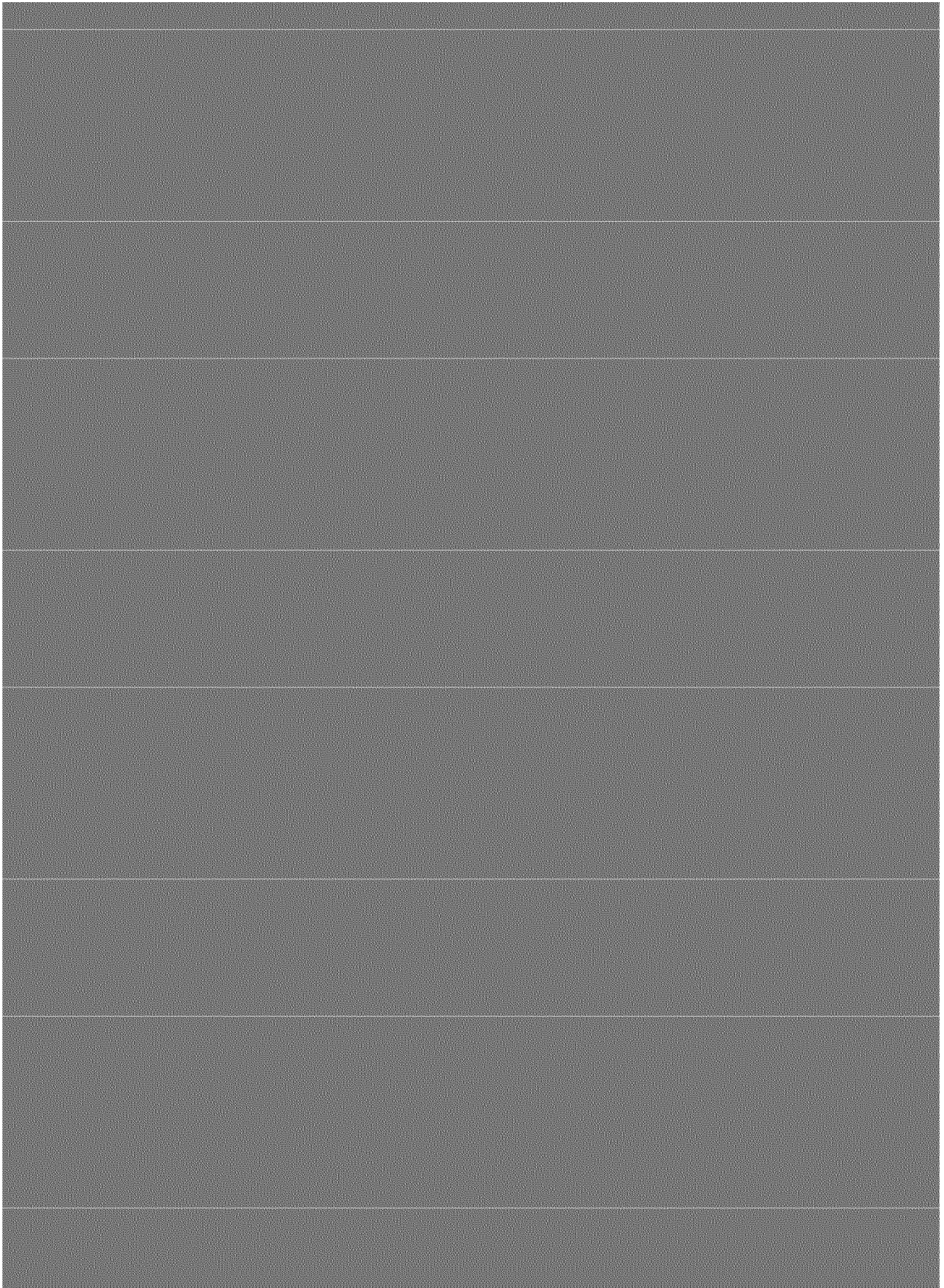
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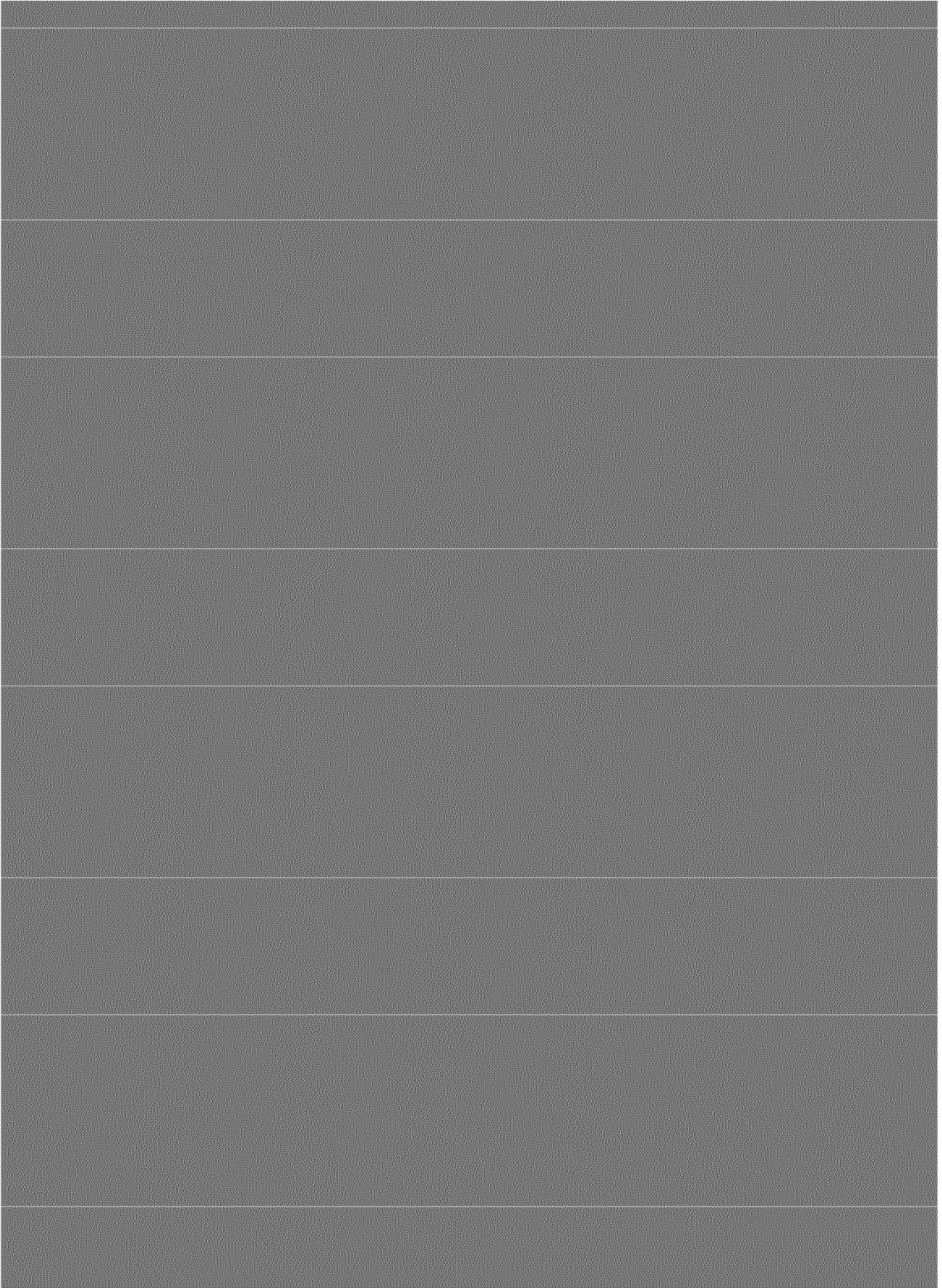
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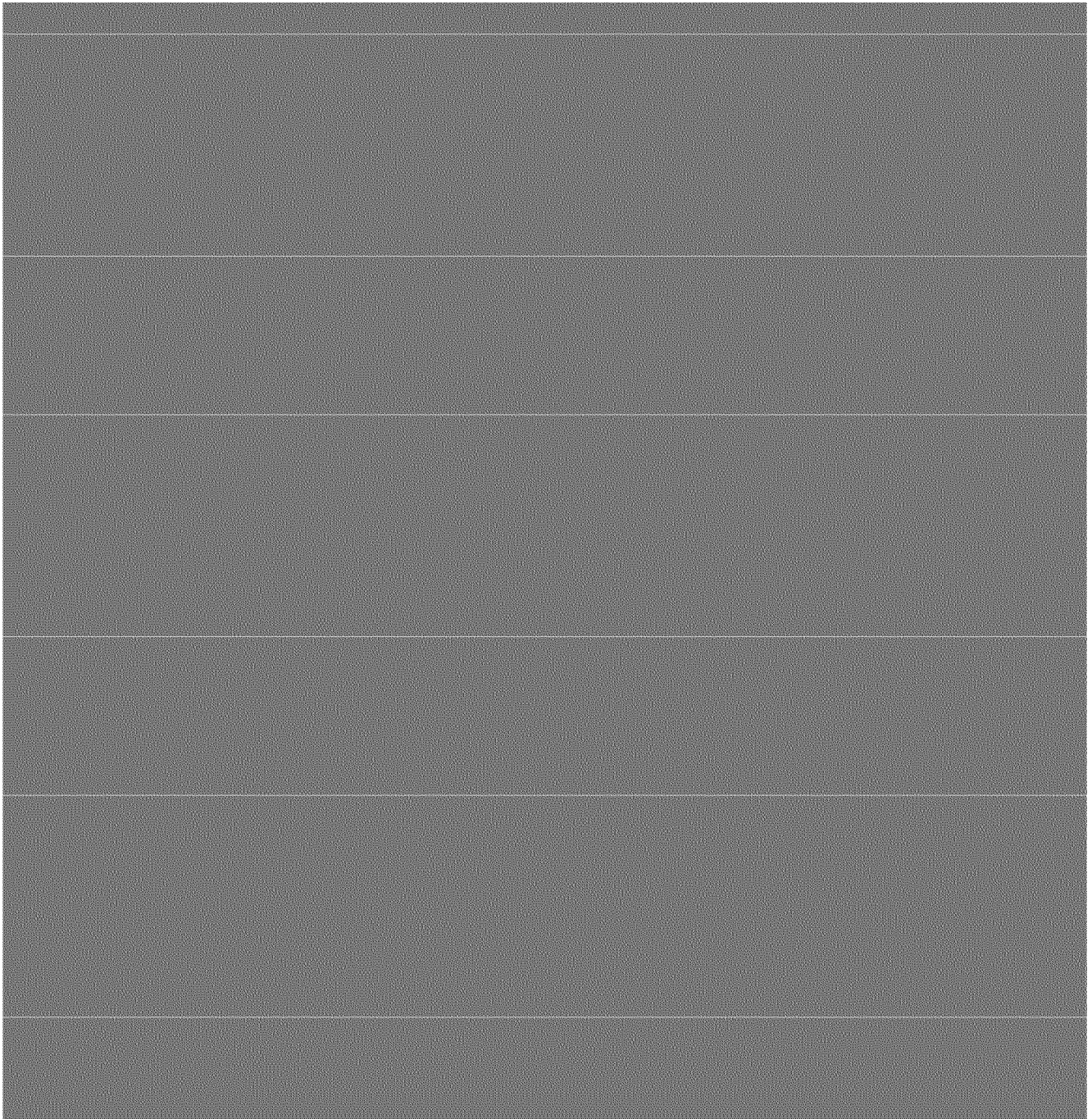
[REDACTED]

July	Aug	Sept	Oct	Nov	Dec
8.03	7.82	7.52	6.81	6.93	6.11
7.95	7.79	7.26	6.09	5.86	5.17

[REDACTED]







[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

12-2014
91-mid 1996
Std

15th pH 2007-2011

15th pH 1998-2001

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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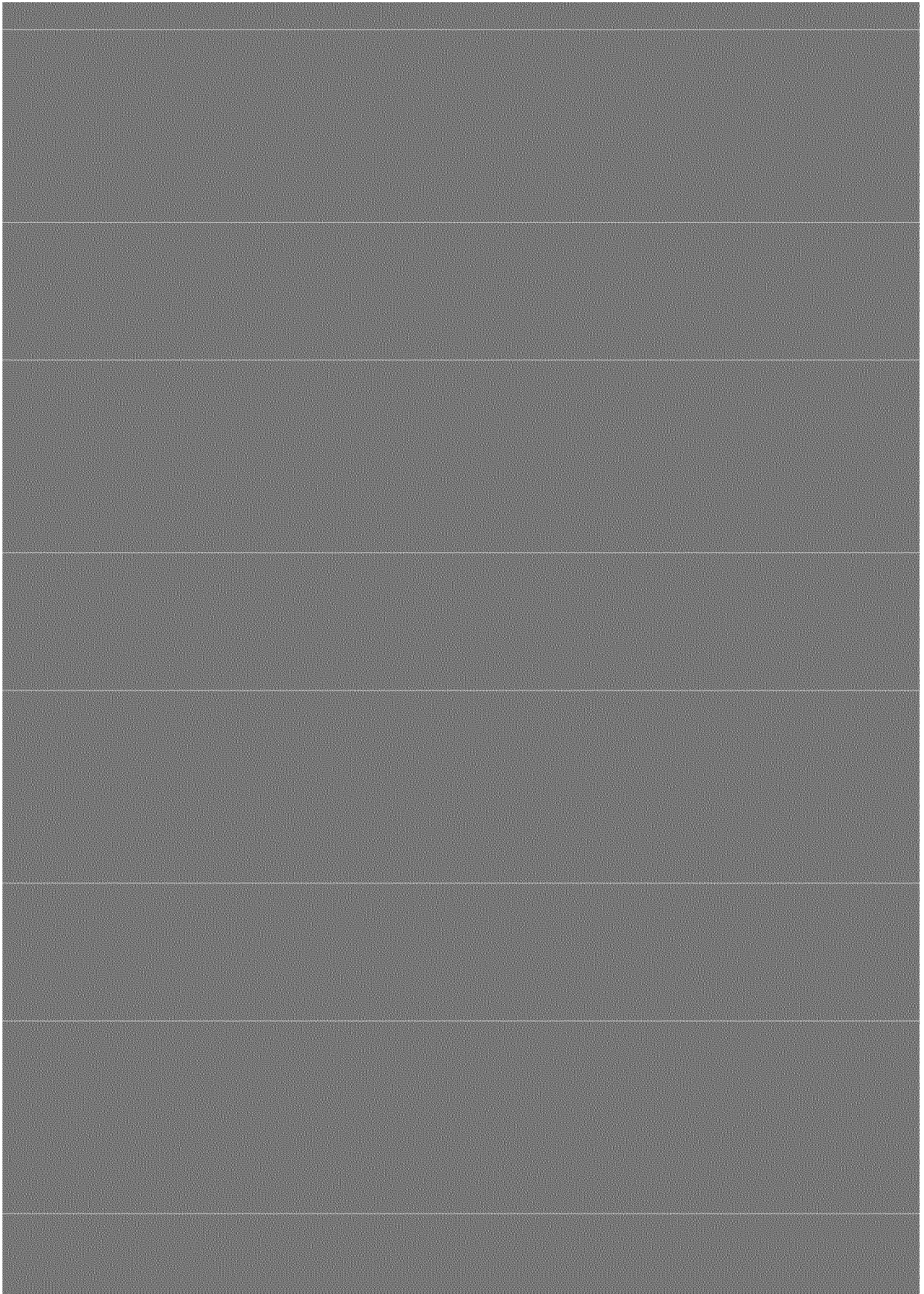
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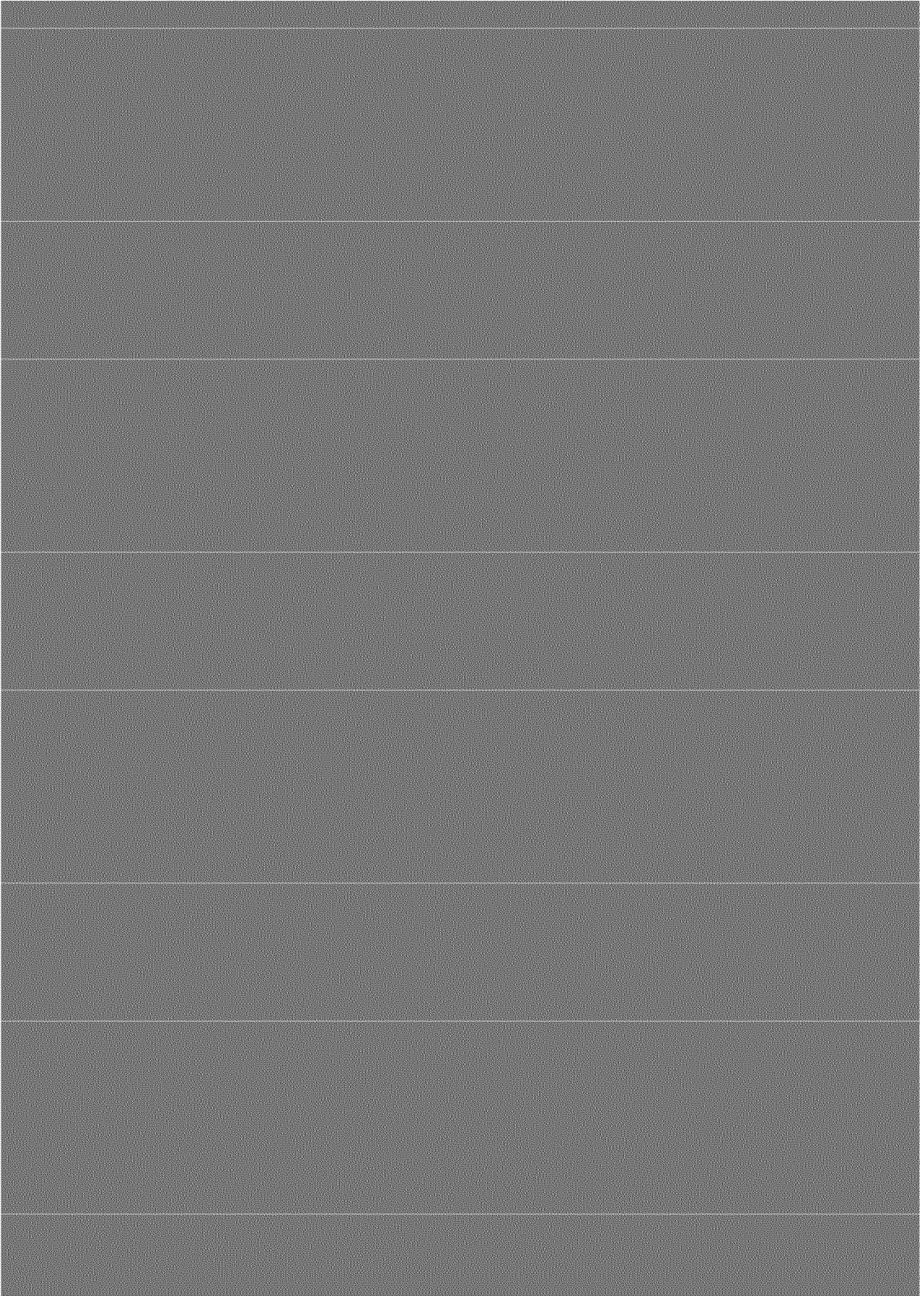
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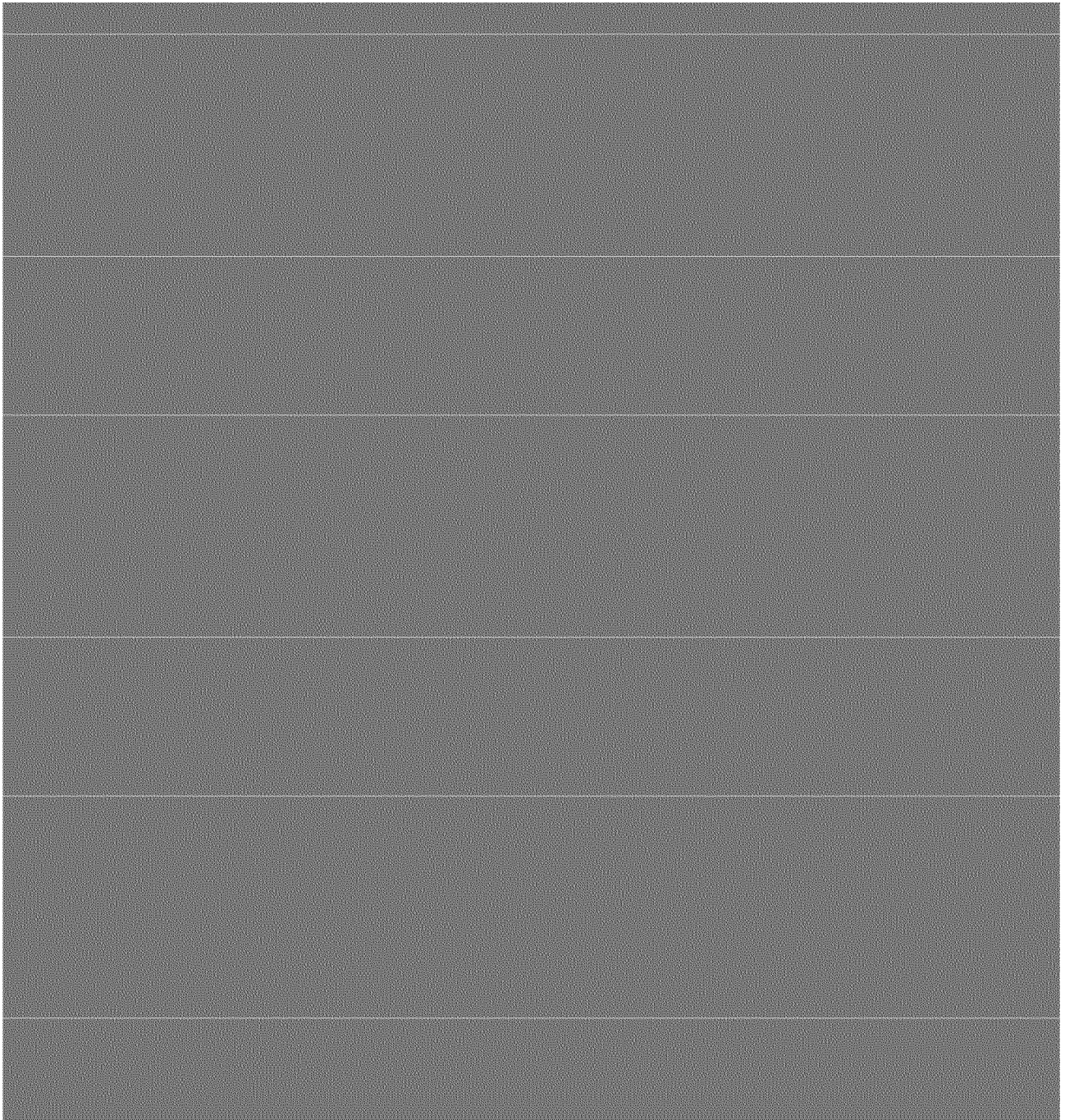
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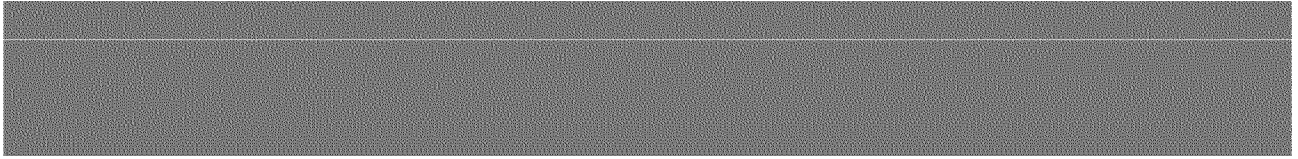
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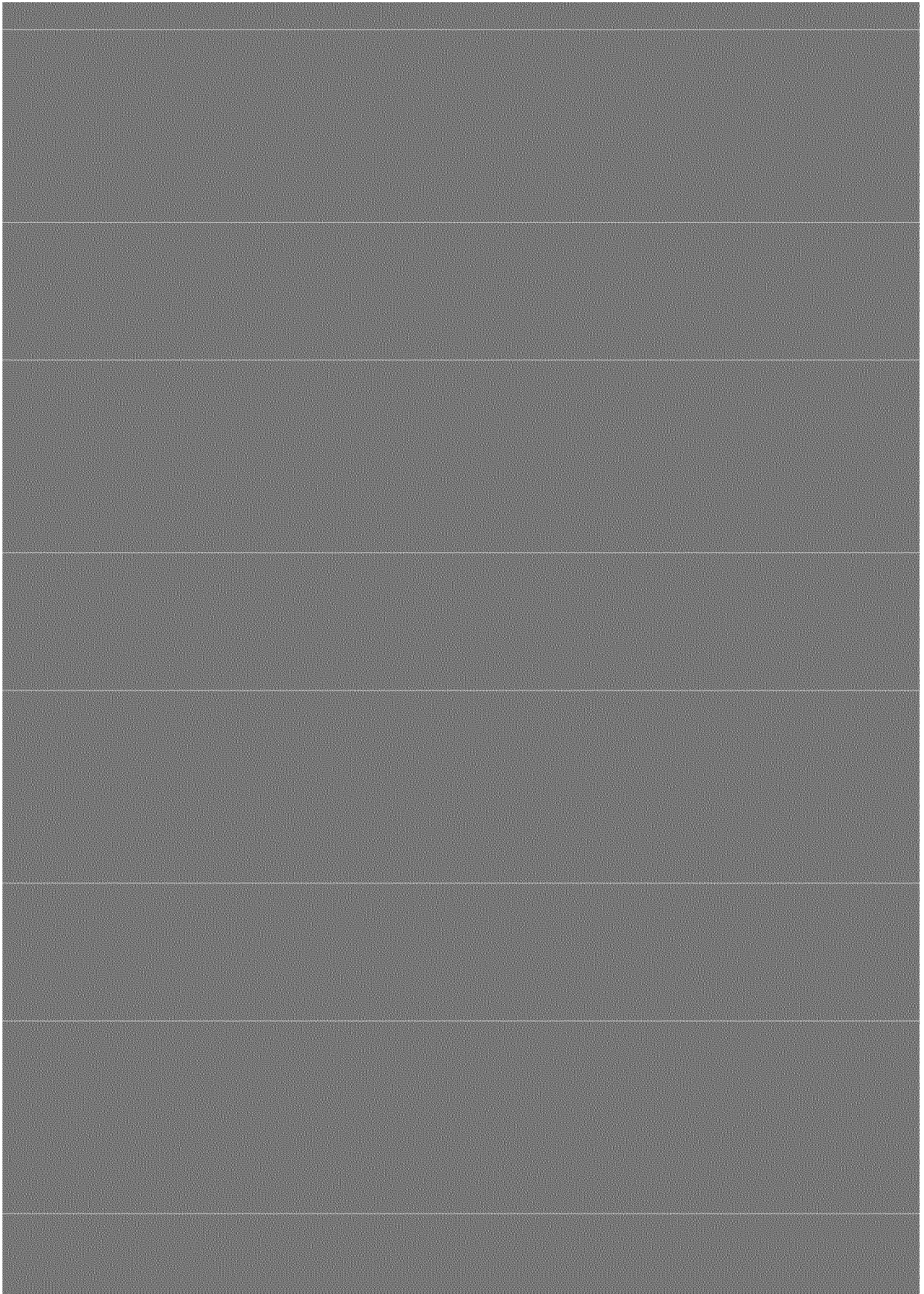
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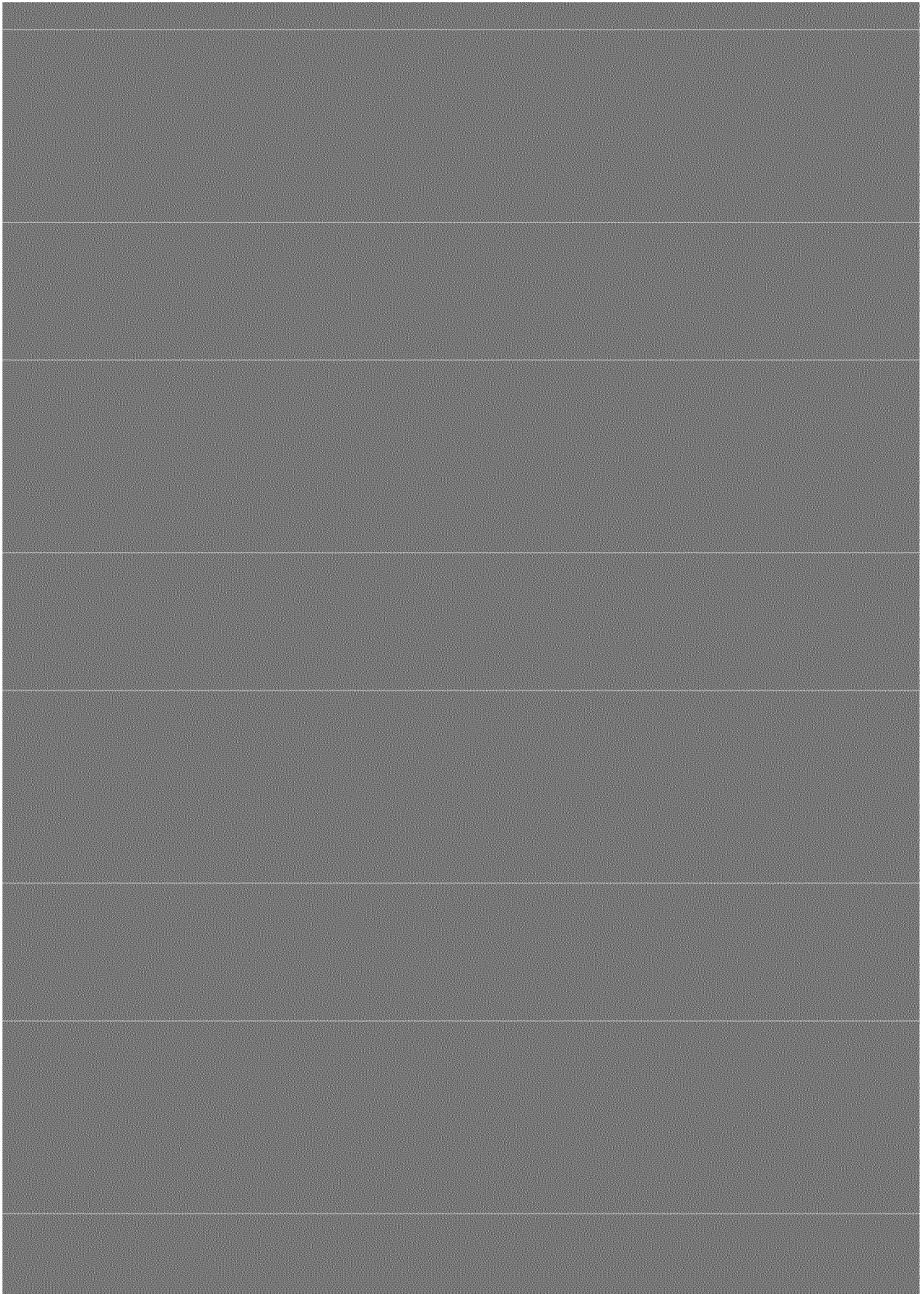
[REDACTED]

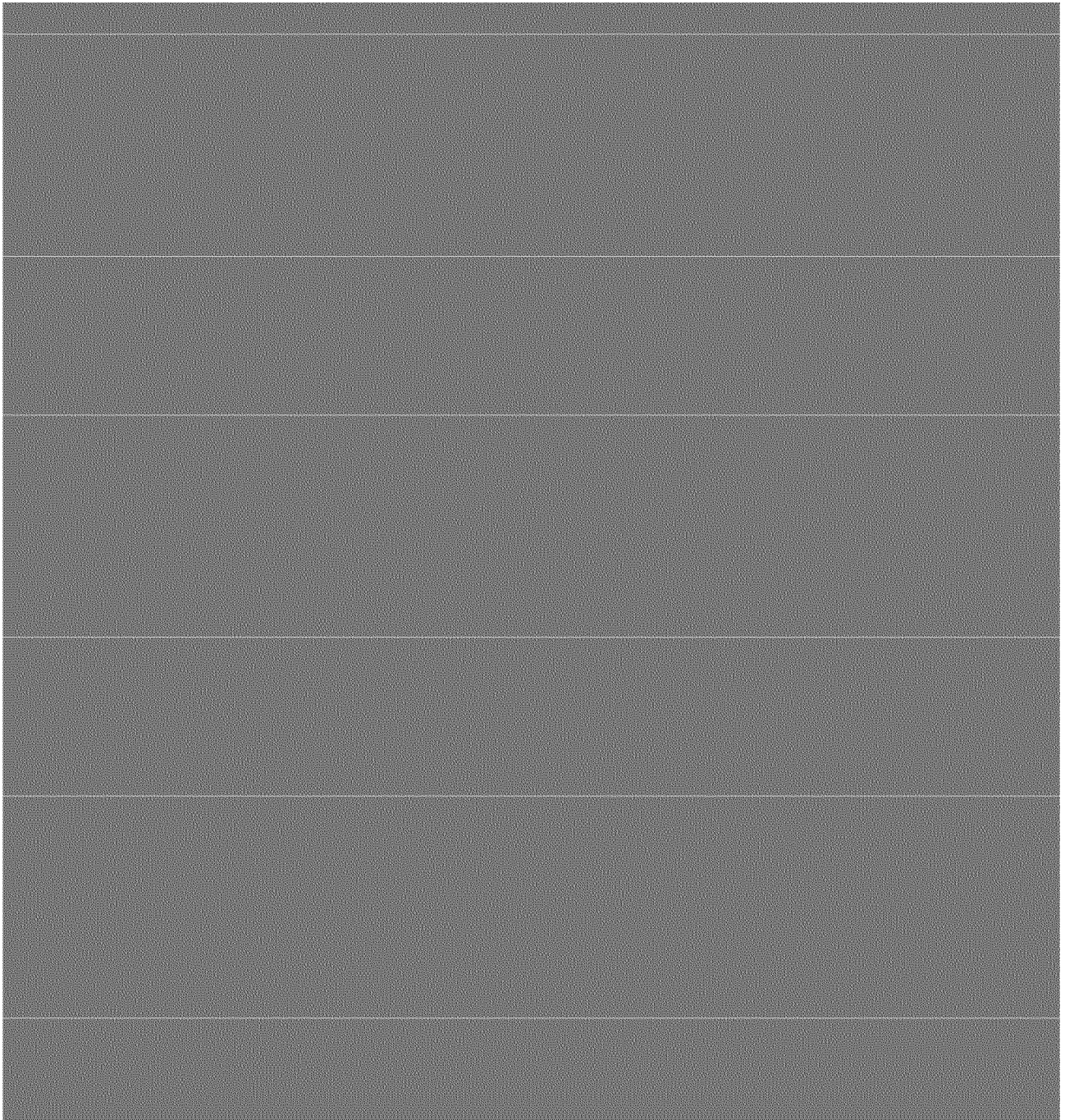
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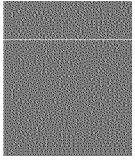
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[REDACTED]









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[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

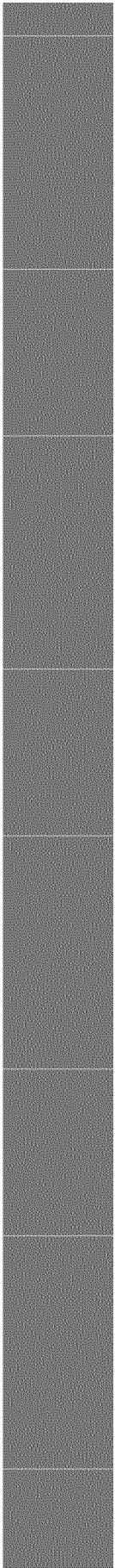
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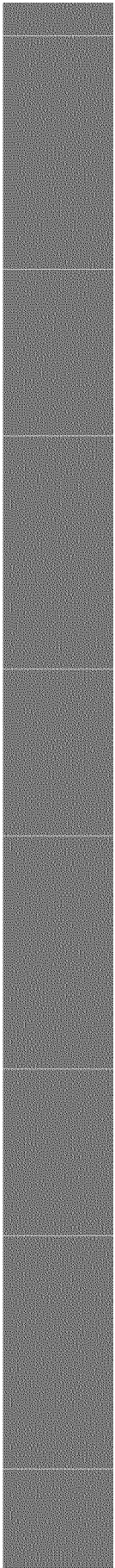
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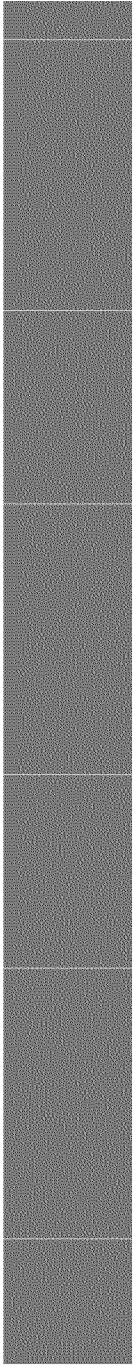
[REDACTED]

[REDACTED]









DATE	CD_DIS
01/16/91	1.80
02/18/91	1.80
09/05/91	1.40
09/06/91	1.40
09/07/91	1.10
09/09/91	1.10
09/10/91	1.00
10/21/91	1.30
04/30/92	2.70
05/26/92	1.10
06/23/92	1.60
06/24/92	1.70
06/25/92	0.80
06/25/92	1.70
07/23/92	0.94
08/19/92	1.30
09/24/92	1.30
10/14/92	1.50
10/15/92	1.20
10/22/92	1.50
06/15/93	0.87
07/20/93	0.99
07/21/93	0.96
08/23/93	1.00
09/28/93	1.20
10/26/93	1.50
11/10/93	2.00
11/29/93	1.50
12/29/93	1.50
03/29/94	1.90
05/16/94	1.70
05/18/94	2.00
06/02/94	5.00
06/27/94	0.80
07/18/94	0.99
07/26/94	2.00
09/28/94	1.50
11/09/94	1.70
11/09/94	1.70
01/18/95	1.80

Jan. Cd	Feb Cd	Mar Cd	Apr Cd	May Cd	June Cd	July Cd	Aug Cd	Sept Cd
1.80	1.80	1.90	2.70	1.10	1.60	0.94	1.30	1.40
1.80	1.25		2.80	1.70	1.70	0.99	1.00	1.40
1.60			2.95	2.00	1.25	0.96		1.10
				1.00	0.87	0.99		1.10
					5.00	2.00		1.00
					0.80			1.30
					1.45			1.20
					1.00			1.50
								1.40

COLOR CODE: 1991 1992 1993 1994 1995 1996

All red font are averages of same day samples
 Didn't use any RL's greater than 1.0.

08/05/98	<3	
9/2/1998	0.80	
9/2/1998	0.80	
09/09/98	<1	
09/09/98	<3	
09/30/98	<2	
10/07/98	<1	
10/07/98	<3	
11/10/98	<1	
11/10/98	<3	
11/13/1998		1.41
12/02/98	<4	
12/02/98	<3	
01/06/99	1.00	
01/06/99	4.00	
02/04/99	1.00	
02/04/99	<3	
02/19/99	<2	
03/03/99	2.00	
03/03/99	<3	
04/07/99	15.00	
04/07/99	<3	
4/8/1999		1.939
04/30/99	<2	
05/06/99	2.00	
05/06/99	5.00	
6/3/1999		1.304
06/09/99	<1	
06/09/99	<3	
6/23/1999	<6	
07/07/99	<1	
07/07/99	<3	
08/04/99	<1	
08/04/99	5.00	
08/19/99	2.16	
8/26/1999		1.829
09/01/99	1.00	
09/01/99	<1	
10/06/99	2.00	
10/06/99		
11/03/99	4.00	
11/03/99	5.00	
11/30/1999		1.92
12/01/99	<1	
12/01/99	<1	
01/05/00	<1	
01/05/00	<1	

02/02/00	2.00
02/02/00	1.00
03/01/00	1.00
03/01/00	<1
04/05/00	2.00
04/05/00	4.00
4/13/2000	3.572
4/25/2000	1.5
05/03/00	2.00
05/03/00	<1
5/24/2000	0.846
6/1/2000	<1.4
06/07/00	<1
06/07/00	<1
6/29/2000	2
07/05/00	<1
07/05/00	4.00
7/19/2000	3.3
08/02/00	<1
08/02/00	<1
8/9/2000	1.24
8/18/2000	4.3
09/06/00	2.00
09/06/00	<1
9/16/2000	3.3
10/04/00	2.00
10/04/00	5.00
11/01/00	2.00
11/01/00	<1
11/7/2000	1.858
12/1/2000	<2
12/06/00	3.00
12/06/00	<1
01/03/01	2.00
01/03/01	3.00
01/03/01	
01/03/01	
02/07/01	1.00
02/07/01	<1
03/14/01	3.00
03/14/01	<1
3/20/2001	<2
04/04/01	2.00
04/04/01	4.00
4/30/2001	2.263
05/02/01	2.00
05/02/01	<1

5/30/2001	1.0527
06/06/01	<1
06/06/01	<1
07/06/01	<1
07/06/01	<1
08/01/01	1.00
08/01/01	<1
8/10/2001	1.3174
8/21/2001	<2
09/05/01	2.00
09/05/01	<1
10/03/01	1.00
10/03/01	<1
11/1/2001	1.40338
11/06/01	<1
11/06/01	<1
12/05/01	<1
12/05/01	<1

DATE CD_DIS

4/5/06	2.96
4/19/2006	2.872
5/10/06	1.24
05/10/2006	1.5
5/24/2006	0.7
5/24/2006	0.909
6/6/06	0.94
6/21/2006	0.8
7/12/06	1.29
07/12/2006	1.4
8/2/06	1.18
8/16/2006	1.1
9/6/06	1.7
09/06/2006	1.9
9/27/2006	1.93
10/11/06	1.14
10/31/2006	2.31
11/1/06	1.89
11/01/2006	2.1
12/5/06	2.36
12/6/2006	1.6
1/11/07	2.66
4/2/07	2.45
4/16/2007	2.29
05/11/2007	<.2
5/11/2007	1.26

Jan.	Feb	Mar	Apr	May	June	July	Aug	Sept
Cd	Cd	Cd	Cd	Cd	Cd	Cd	Cd	Cd
2.66	2.6	2.6	2.45	0.68	0.84	1.03	1.08	1.68
		2.6	2.29	0.7	0.64	0.7	1.17	1.903
			1.585	0.85	0.76	1.28	0.5	1.73
			2.9	1.52	0.8	2.10	1.492	1.8
			2.89	0.5	0.7	0.7	1.4	1.8

5/15/2007	0.7
5/16/2007	0.85
07/11/2007	1.1
7/11/2007	0.96
7/12/2007	0.7
7/18/2007	1.28
8/6/2007	1.08
09/05/2007	<10
10/4/2007	1.7
10/25/2007	1.85
11/6/2007	2.274
11/07/2007	2.3
11/7/2007	2.41
12/5/2007	2.53
05/07/08	1.60
5/7/2008	1.44
5/12/2008	<1
5/14/2008	1.726
6/3/2008	0.76
6/3/2008	0.9201
07/09/08	1.70
7/9/2008	2.49
8/5/2008	86 1.17
8/6/2008	< 1
8/14/2008	1.492
09/03/08	1.80
9/3/2008	1.55
10/6/2008	2.08
10/22/2008	< 1
11/7/2008	3.94
12/2/2008	2.351
12/3/2008	2.24
4/29/2009	1.585
5/13/2009	0.6
5/13/2009	0.56
5/18/2009	0.6
6/10/2009	0.64
6/12/2009	0.76
6/16/2009	0.8
7/8/2009	0.8
7/8/2009	0.6
7/14/2009	0.9
7/21/2009	1.18
8/10/2009	1.4
8/12/2009	636 1.46
8/18/2009	1.8
9/9/2009	1.903

2.42	1.726	0.7238	0.9	1.46	1.508
	0.58	0.88	1.18	1.8	1.7
	0.6	0.8	1.05	1.44	
	1.847	0.82	1.15	0.78	
	2.6		0.7	1.3	
	1.49			1.57	

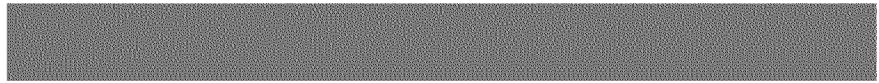
COLOR CODE:

2007 2008 2009 2010 2011

All red font are averages of same day samples

Didn't use any RL's greater than 1.0.

9/16/2009	1.8
9/16/2009	1.66
9/22/2009 85	1.8
10/5/2009	1.8
10/26/2009	2.1
11/4/2009	2.30
11/5/2009 30	2.11
11/13/2009	2.5
11/17/2009	2.8
12/1/2009	2.05
2/17/2010 17.9	2.6
3/17/2010	2.6
4/13/2010 576	2.9
5/4/2010	1.847
6/2/2010 33	0.7
6/9/2010	0.7238
7/8/2010	1.10
7/8/2010	0.99
7/13/2010	1.2
7/13/2010	1.1
8/10/2010	1.4
8/10/2010	1.472
9/14/2010	1.8
9/14/2010	1.8
10/4/2010	1.6
11/2/2010	2
11/3/2010	1.80
11/3/2010	1.39
12/7/2010	1.96
3/15/2011	2.6
4/4/2011	2.89
4/6/2011	2.42
5/4/2011	2.6
5/8/2011	1.49
6/7/2011	0.88
6/14/2011	0.8
6/30/2011	0.82
7/19/2011	0.7
8/1/2011	0.78
8/16/2011	1.3
8/31/2011	1.57
9/7/2011	1.31
9/7/2011	1.7
9/13/2011	1.7
10/7/2011	1.48
10/18/2011	1.6
11/2/2011	1.8



5/10/2013	1.3
5/11/2013	1.33
5/12/2013	1.23
5/13/2013	0.961
5/14/2013	1.01
5/14/2013	0.694
5/15/2013	0.67
5/16/2013	0.64
5/17/2013	0.702
5/18/2013	0.732
5/19/2013	0.691
5/20/2013	0.722
5/21/2013	0.776
5/22/2013	0.597
5/23/2013	0.614
5/24/2013	0.534
5/25/2013	0.619
5/26/2013	0.713
5/27/2013	0.582
5/28/2013	0.642
5/29/2013	0.762
5/30/2013	0.703
5/31/2013	0.84
6/1/2013	0.683
6/2/2013	0.862
6/3/2013	0.715
6/4/2013	0.715
6/5/2013	0.93
6/5/2013	0.646
6/6/2013	0.515
6/7/2013	0.686
6/8/2013	0.714
6/9/2013	0.654
6/10/2013	0.597
6/11/2013	0.703
6/12/2013	0.668
6/13/2013	0.74
6/14/2013	0.864
6/15/2013	0.8
6/16/2013	0.979
6/17/2013	0.91
6/18/2013	0.822
6/19/2013	0.927
6/20/2013	0.926
6/21/2013	1.01
6/22/2013	0.853
6/23/2013	0.946

COLOR CODE:

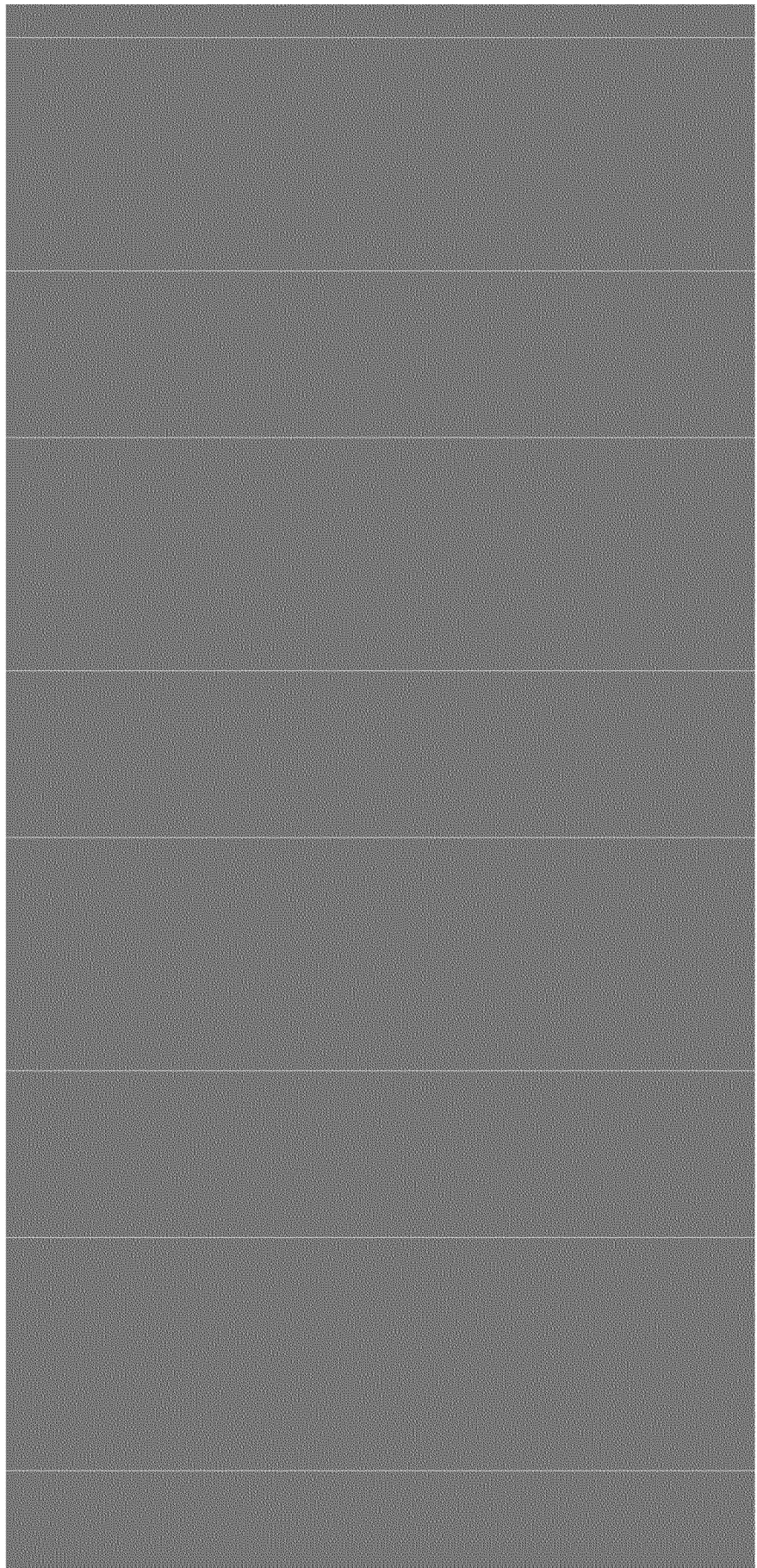
2012

2013

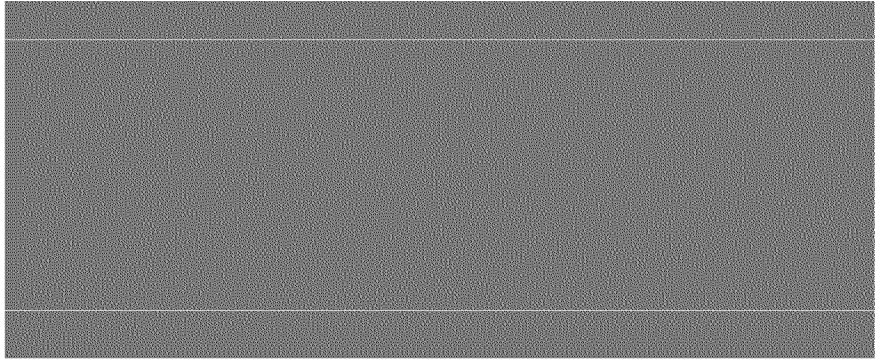
2014

All red font are averages of same day samples

6/24/2013	0.986
6/25/2013	0.922
6/26/2013	0.981
6/27/2013	1.11
6/28/2013	1.04
6/29/2013	1.07
6/30/2013	1.09
7/1/2013	1.06
7/2/2013	
7/3/2013	
7/4/2013	1.02
7/5/2013	1.08
7/6/2013	1.23
7/7/2013	1.25
7/7/2013	1.26
7/8/2013	1.19
7/9/2013	1.16
7/10/2013	1.08
7/11/2013	1.19
7/12/2013	1.08
7/13/2013	1.01
7/14/2013	1.29
7/15/2013	1.25
7/16/2013	1.02
7/17/2013	1.27
7/18/2013	1.34
8/4/2013	1.46
9/10/2013	1.87
10/2/2013	1.57
11/8/2013	1.7
12/13/2013	
1/8/2014	1.97
2/7/2014	2.14
3/5/2014	2.24
4/10/2014	2.65
5/1/2014	2.73
5/5/2014	1.4
5/13/2014	1.43
5/21/2014	1.24
5/27/2014	1.01
6/6/2014	0.7
6/6/2014	0.274
6/13/2014	0.903
6/23/2014	0.92
7/1/2014	0.974
7/2/2014	0.912
7/11/2014	0.871



7/20/2014	0.911
7/26/2014	1.01
7/30/2014	1
8/1/2014	1
9/5/2014	1.57
9/24/2014	1.04
10/2/2014	1.29
11/7/2014	1.71
12/5/2014	

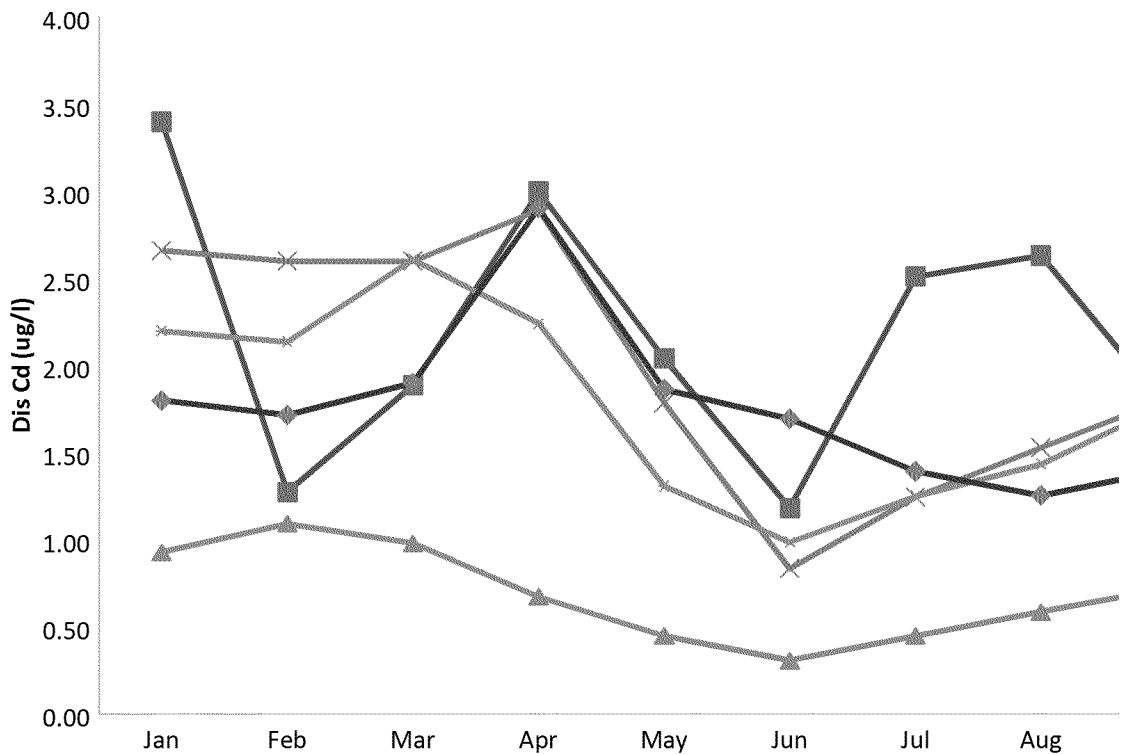


Oct Cd	Nov Cd	Dec Cd
1.30	2.00	1.50
1.50	1.50	
1.20	1.70	
1.50	1.85	
1.50		

	Jan	Feb	Mar	Apr	May
Ave. dCd 1991-mid 1996	1.73	1.53	1.90	2.82	1.45
85th dCd 1991-mid 1996	1.80	1.72	1.90	2.91	1.87
Ave. Hardness 1991-mid 1996	218	200	320	163	72
Cd Standard 1991-mid 1996	0.76	0.72	1.02	0.61	0.33
Old Cd Std 1991-mid 1996	3.98	3.73	5.28	3.21	1.76

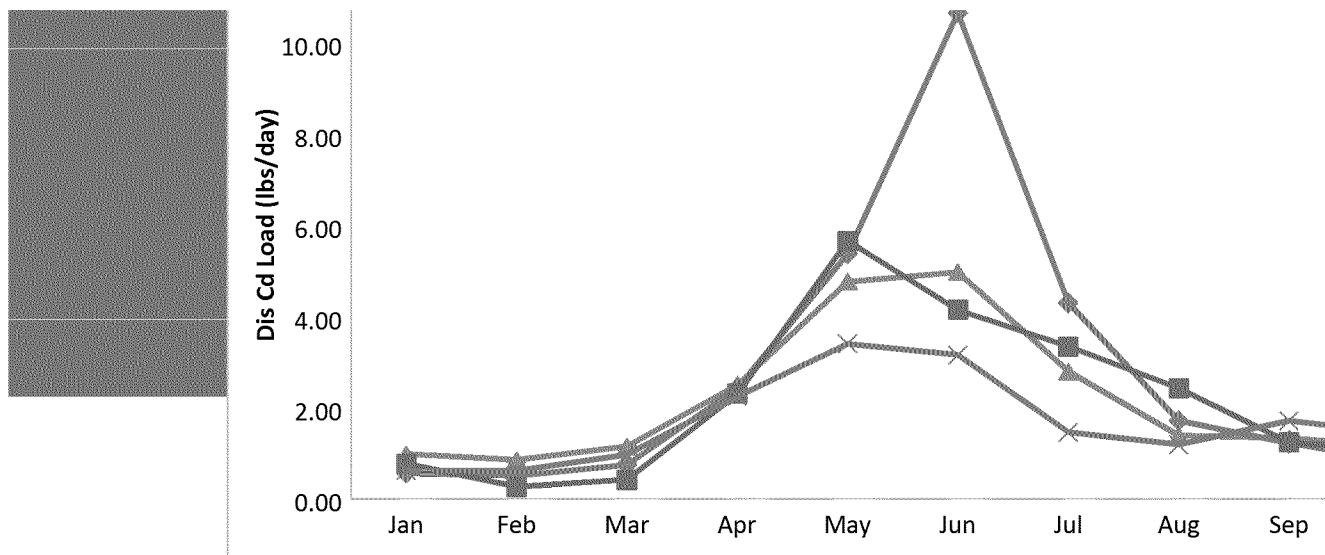
Ave. monthly flows 1991-mid 1996 (cfs)	62	63	74	160	688
dCd Load 1991-mid 1996 lbs/day	0.58	0.51	0.76	2.43	5.38

Dis Cd Conc. at



Dis Cd Load at A72

12.00



				Jan.	Feb	Mar	Apr	May
Oct	Nov	Dec	Ave. dCd 1998-2001	2.20	0.94	1.25	2.57	1.47
Cd	Cd	Cd	85th dCd 1998-2001	3.40	1.28	1.89	3.00	2.04
0.50	0.50	0.50	Ave. Hardness 1998-2001	300	311	299	203	103
2.00	1.41	1.75	Cd Standard 1998-2001	0.97	1.00	0.97	0.72	0.43
3.50	4.50	0.50	Old Cd Std 1998-2001	5.04	5.17	5.02	3.77	2.28
0.75	1.92							
	1.25		Ave. monthly flows	65	53	63	167	715
	1.858		1998-2001 (cfs)					
	1.40338							
	0.50		dCd Load 1998-2001	0.77	0.27	0.42	2.31	5.66
			lbs/day					
			Ratio of 85th dCd (1991-96)/TVS	2.36	2.40	1.87	4.74	5.62

Oct	Nov	Dec
Cd	Cd	Cd
1.7	2.274	2.53
1.85	2.355	2.351
2.08	3.94	2.24
0.5	2.30	2.05
1.8	2.11	1.96

Ave. dCd 2007-2011
85th dCd 2007-2011
Ave. Hardness 2007-2011
Cd Standard 2007-2011
Old Cd Std 2007-2011

Jan.	Feb	Mar	Apr	May
2.66	2.60	2.60	2.42	1.19
2.66	2.60	2.60	2.89	1.79
284	352	305	185	109
0.93	1.09	0.98	0.68	0.45
4.84	5.67	5.10	3.53	2.38

2.1	2.5	1.59	Ave. monthly flows	69	62	82	192	743
1.6	2.8		2007-2011 (cfs)					
1.48	2		dCd Load 2007-2011	0.99	0.86	1.16	2.51	4.77
1.6	1.60		lbs/day					
	1.7							
	2.36		Ratio of 85th dCd/TVS	2.86	2.38	2.65	4.28	3.96

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

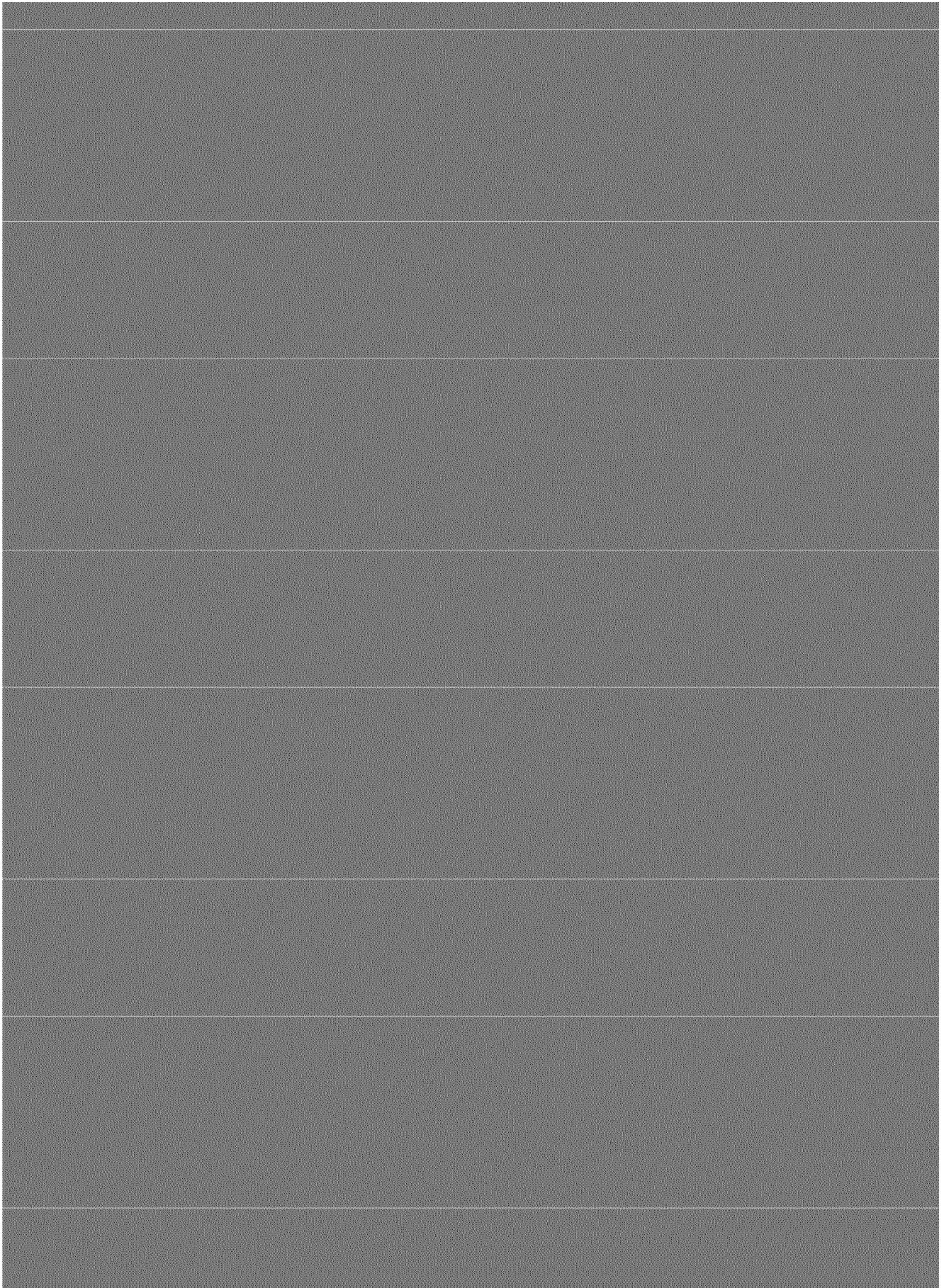
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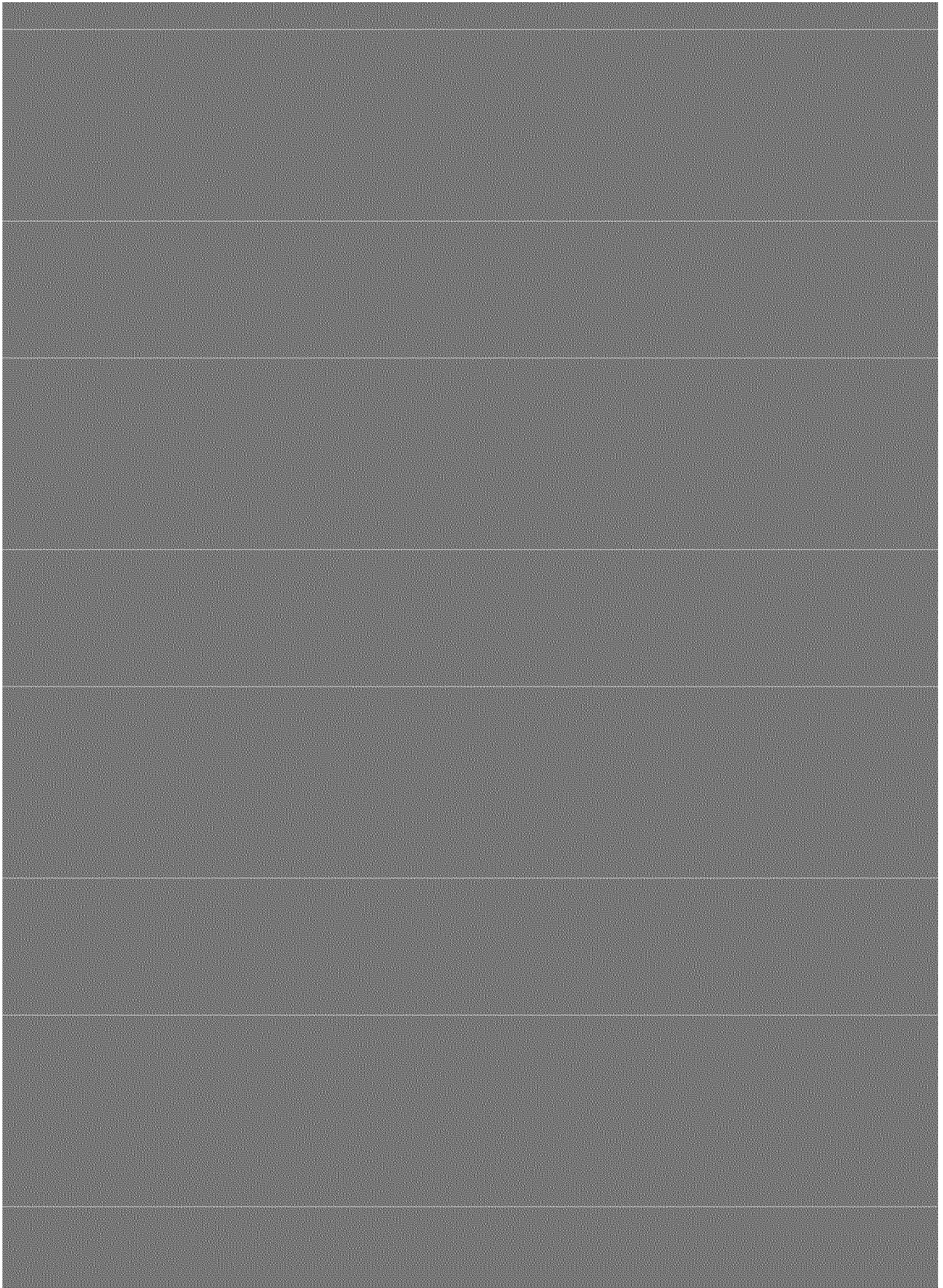
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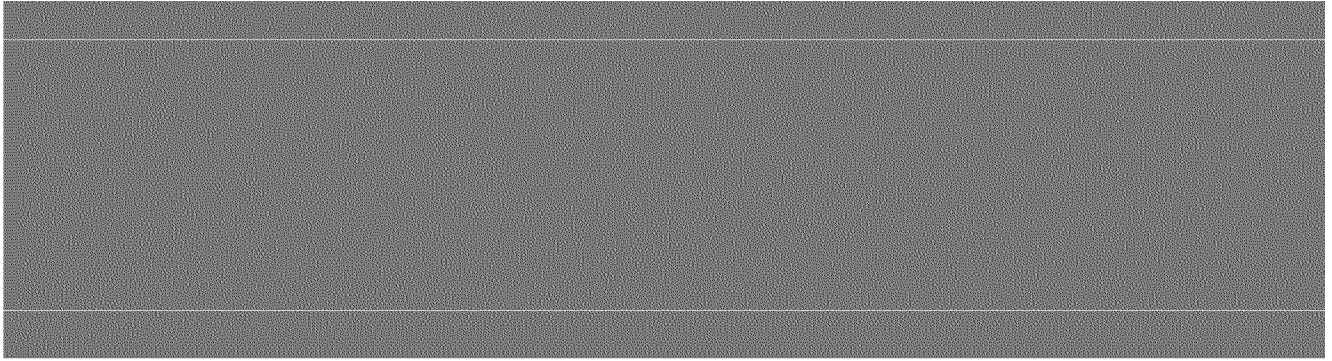
[REDACTED]

[REDACTED]

[REDACTED]





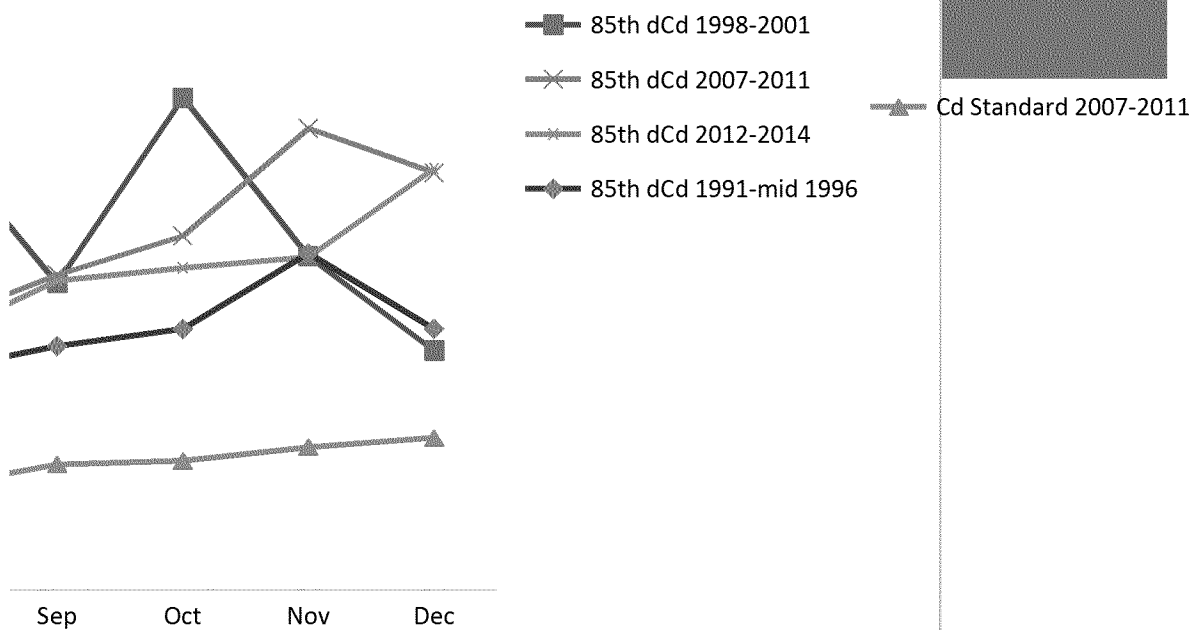


Jun	Jul	Aug	Sep	Oct	Nov	Dec
1.71	1.18	1.15	1.27	1.40	1.76	1.50
1.70	1.39	1.26	1.40	1.50	1.93	1.50
61	119	165	166	252	258	330
0.29	0.48	0.62	0.62	0.85	0.86	1.04
1.55	2.54	3.24	3.25	4.42	4.50	5.40

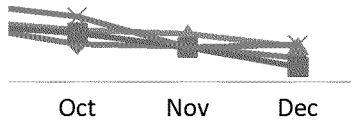
1158	679	278	179	110	82	65
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10.67	4.30	1.72	1.22	0.83	0.78	0.52
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A72



▲ dCd Load 2007-2011
 ◆ dCd Load 1991-mid 1996
 ■ dCd Load 1998-2001
 ✕ dCd Load 2012-2014



June	July	Aug	Sept	Oct	Nov	Dec
0.76	1.34	1.70	1.31	1.69	1.67	0.92
1.18	2.51	2.63	1.76	2.83	1.92	1.38
69	96	144	158	214	238	267
0.32	0.41	0.56	0.60	0.75	0.82	0.89
1.71	2.18	2.92	3.14	3.92	4.25	4.62
1019	462	264	177	118	85	68
4.16	3.34	2.43	1.25	1.07	0.76	0.33
5.81	2.89	2.03	2.25	1.77	2.23	1.44

[REDACTED]

[REDACTED]

[REDACTED]

June	July	Aug	Sept	Oct	Nov	Dec
0.77	1.08	1.27	1.73	1.63	2.36	2.12
0.84	1.25	1.53	1.81	2.03	2.65	2.40
66	108	154	203	210	241	262
0.31	0.45	0.59	0.72	0.74	0.82	0.88
1.64	2.37	3.09	3.78	3.88	4.28	4.55

[REDACTED]

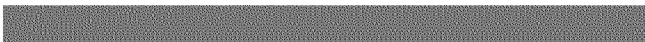
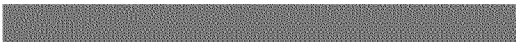
1194 481 203 143 130 84 68



4.98 2.80 1.39 1.34 1.15 1.06 0.78



2.71 2.77 2.60 2.50 2.74 3.22 2.74



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

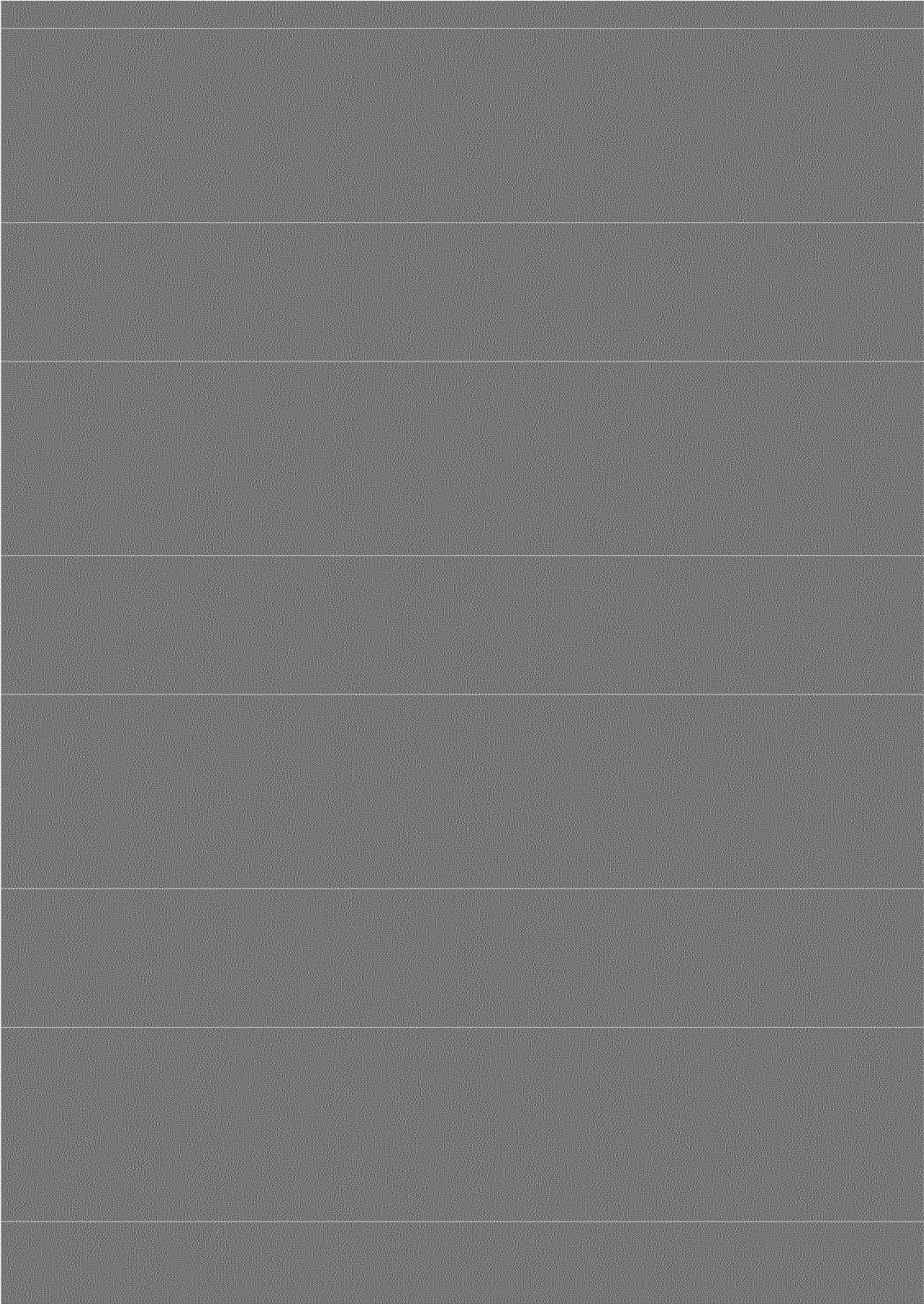
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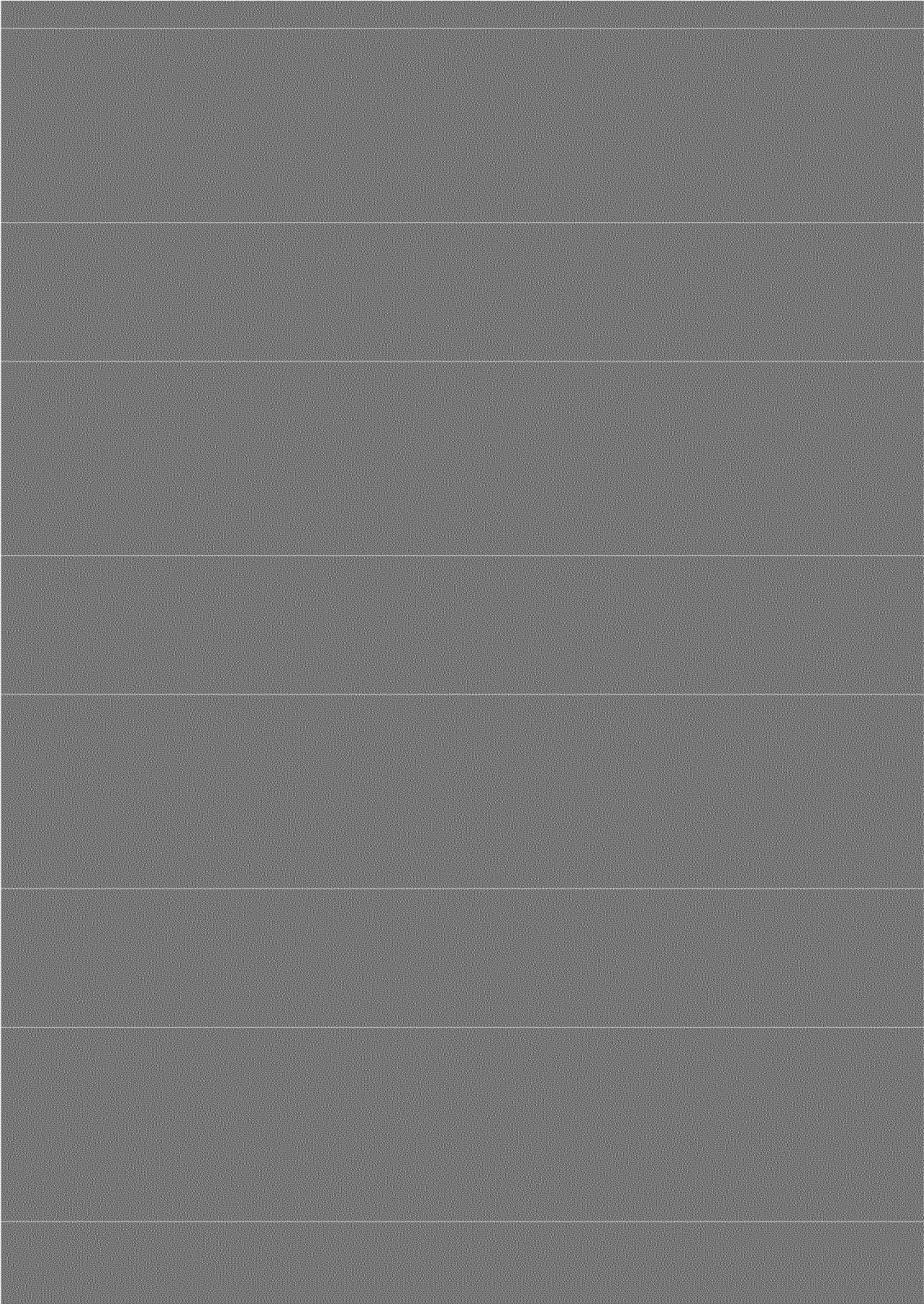
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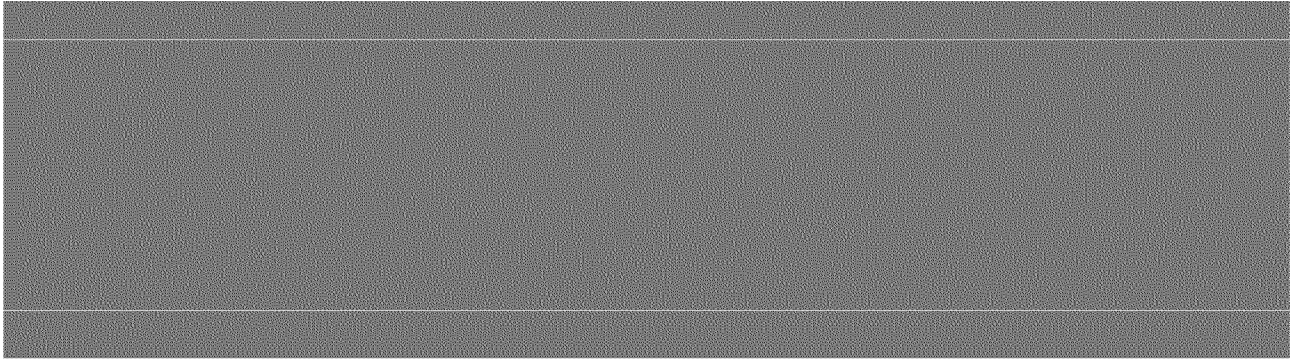
[REDACTED]

June	July	Aug	Sept	Oct	Nov	Dec
0.84	1.09	1.28	1.57	1.68	1.80	2.42
0.99	1.25	1.44	1.78	1.85	1.91	2.42
99	153	151	191	194	242	288
0.42	0.59	0.58	0.69	0.70	0.83	0.94
2.23	3.07	3.04	3.61	3.65	4.30	4.89

703	250	174	203	159	79	62
3.16	1.46	1.20	1.72	1.44	0.76	0.81
2.34	2.13	2.48	2.57	2.64	2.32	2.57







[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

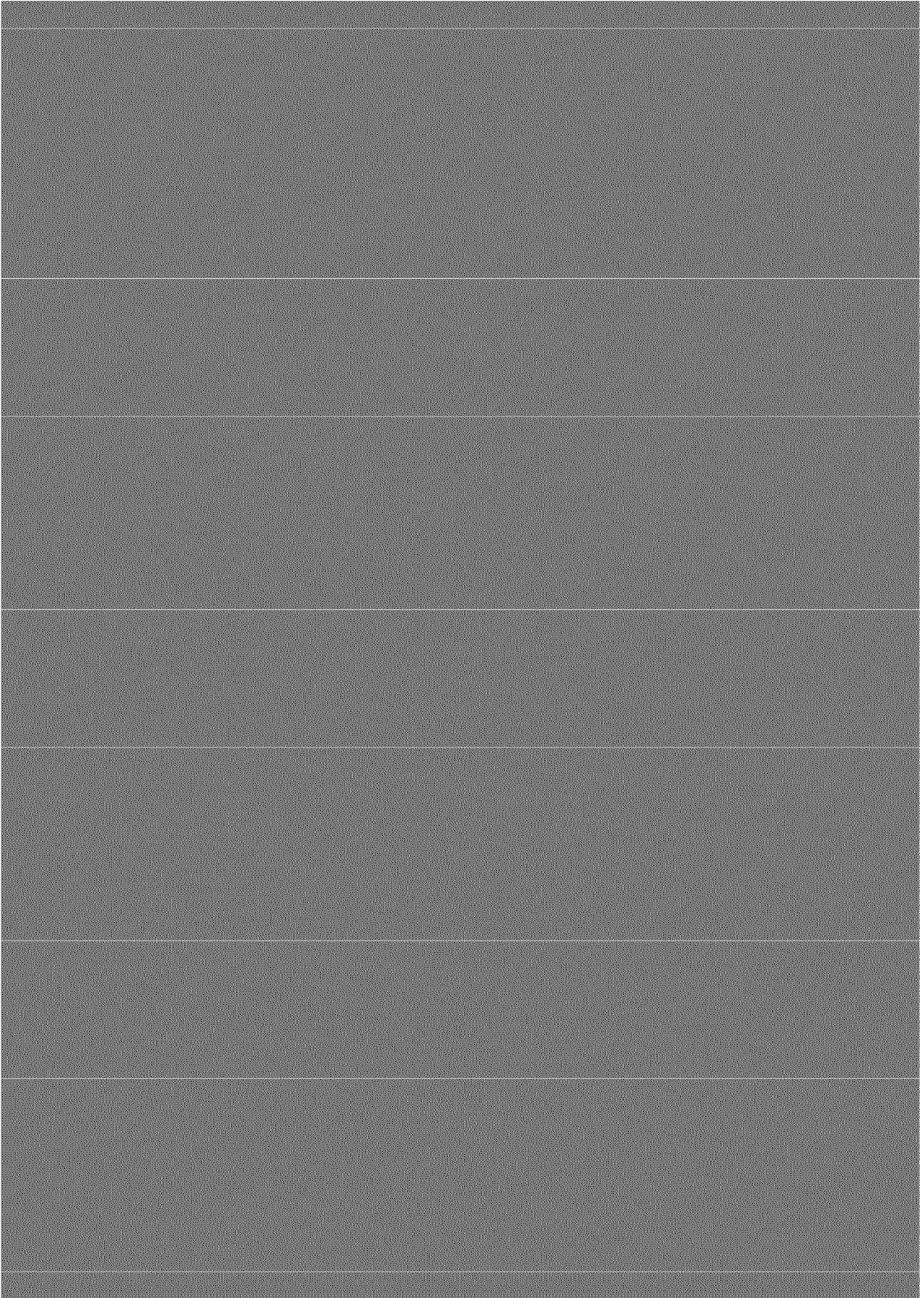
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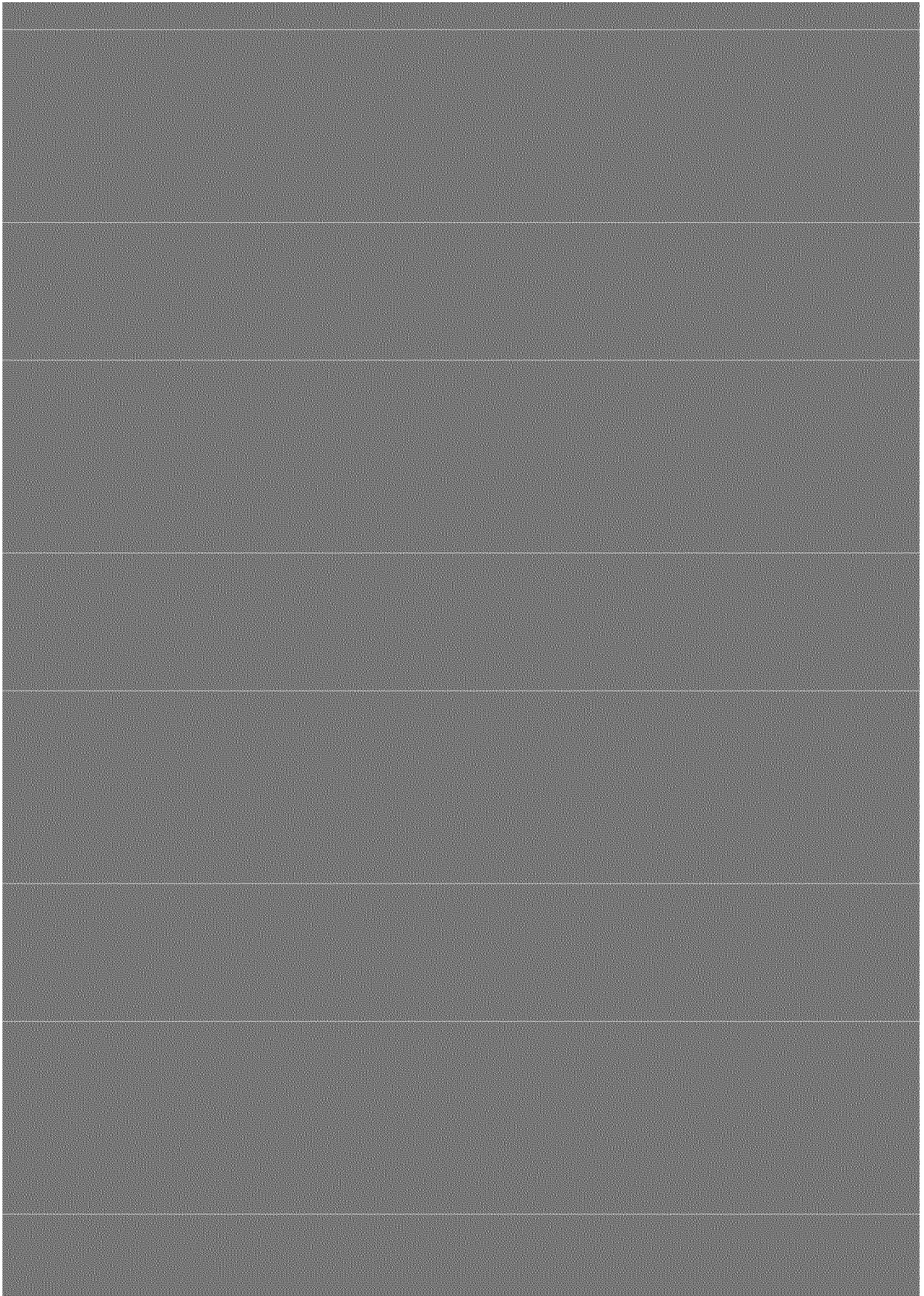
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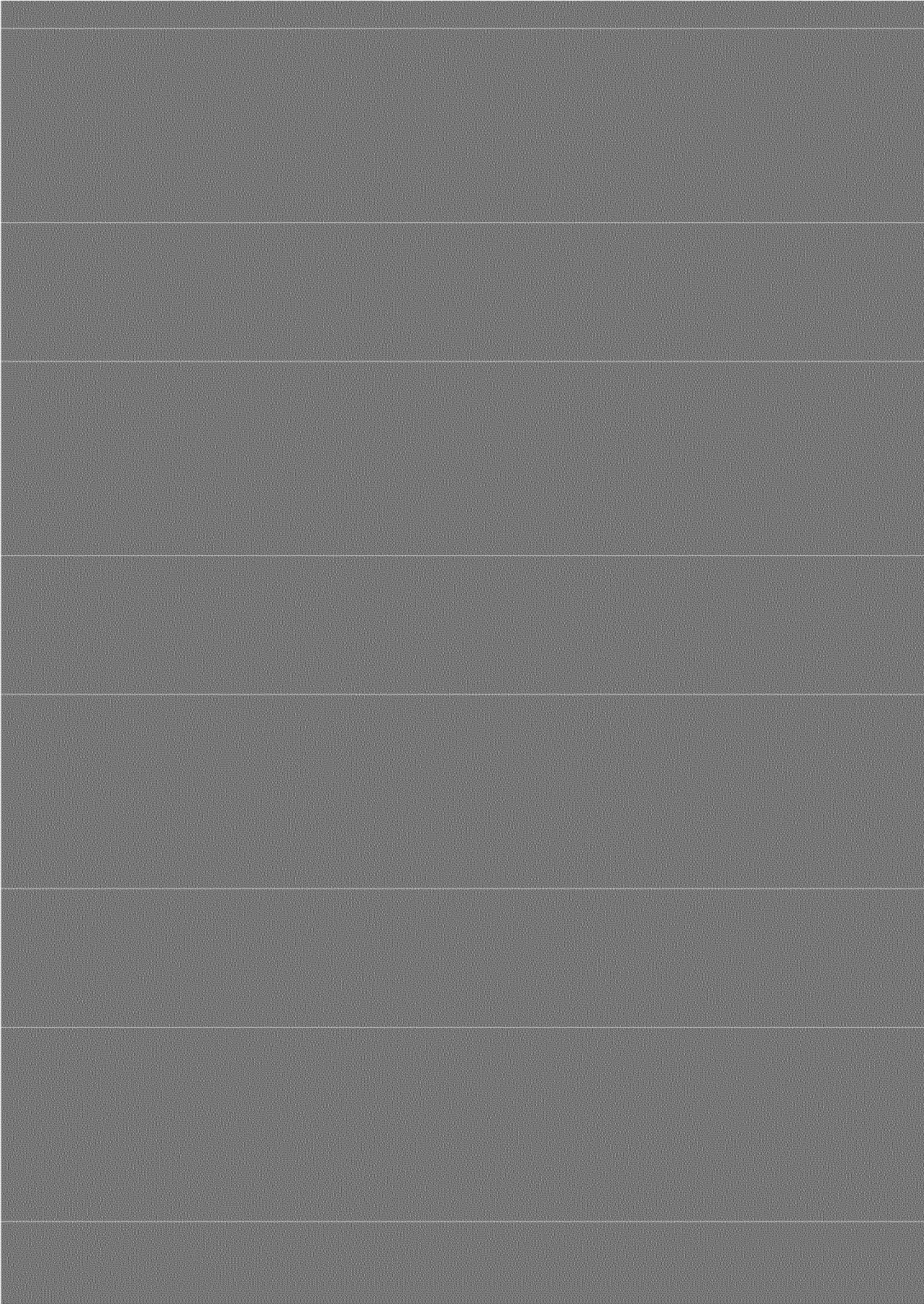
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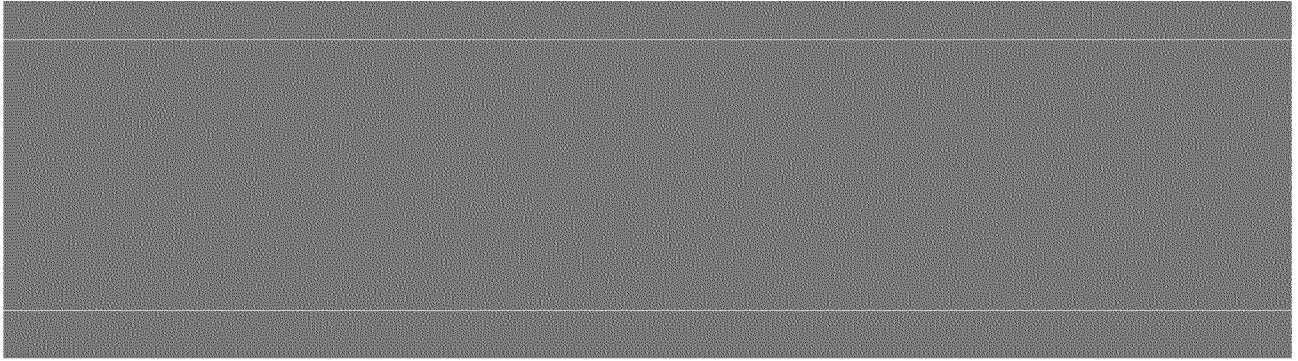
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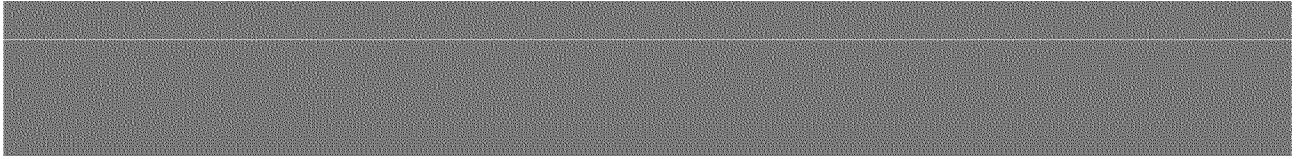
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[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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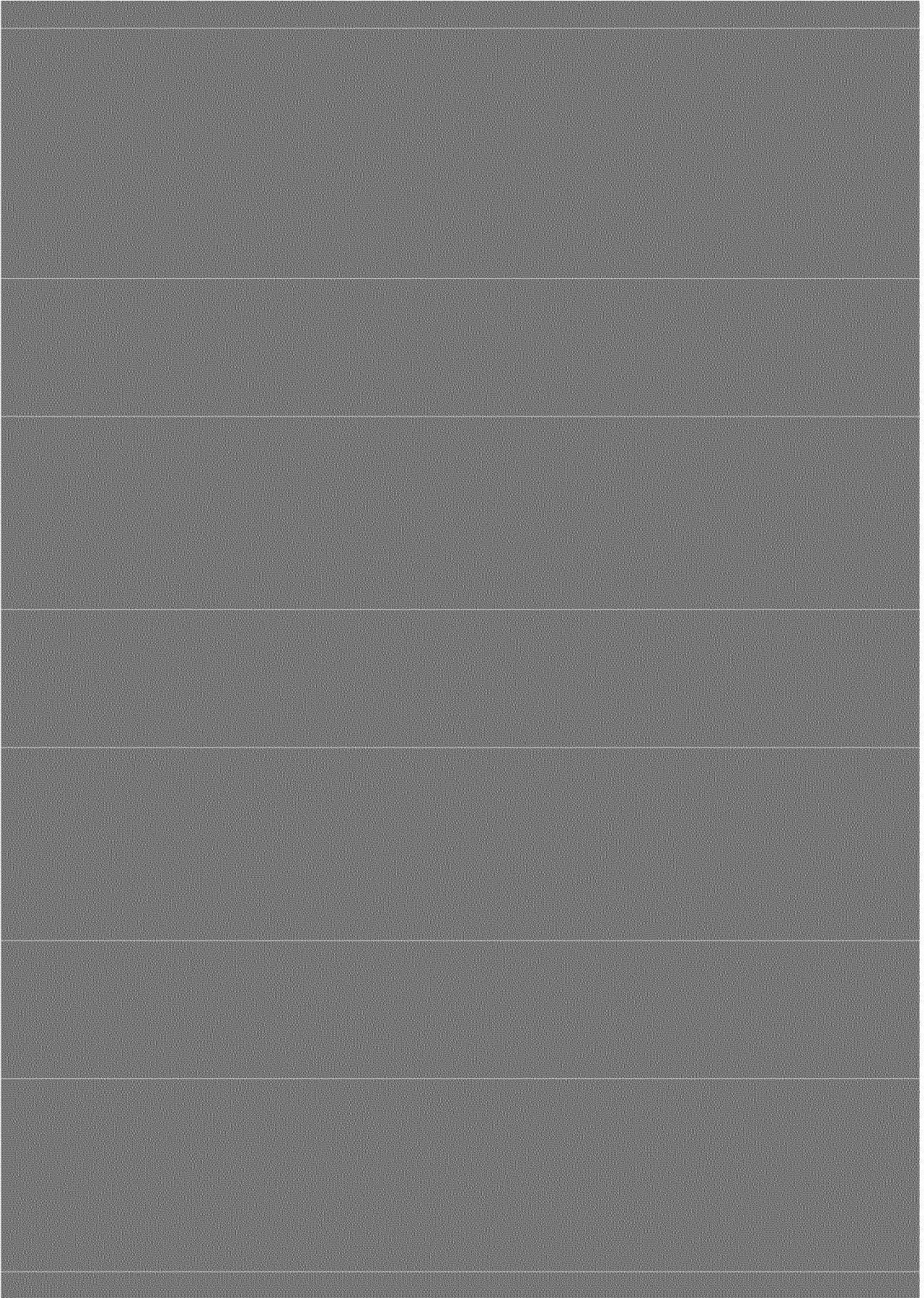
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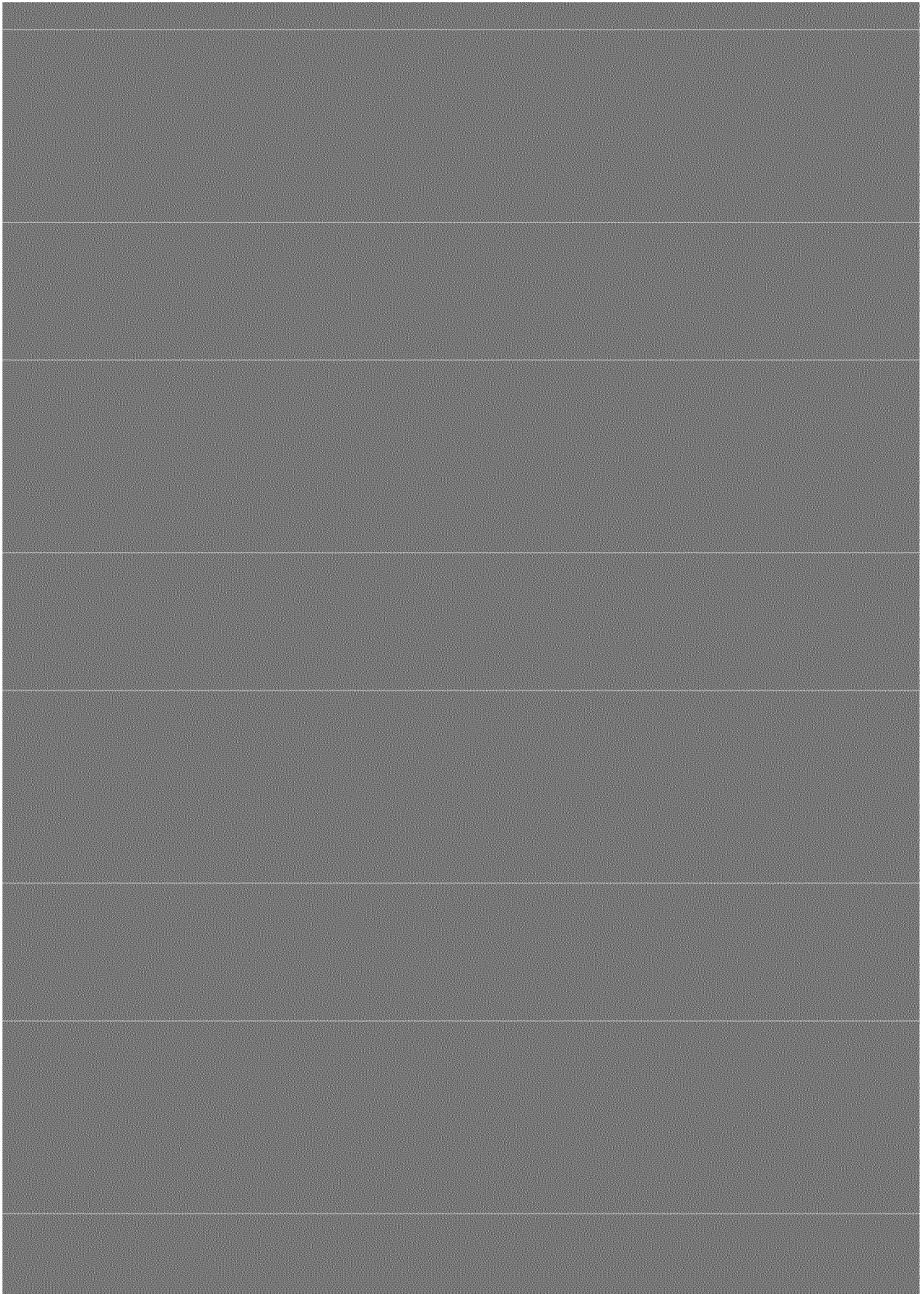
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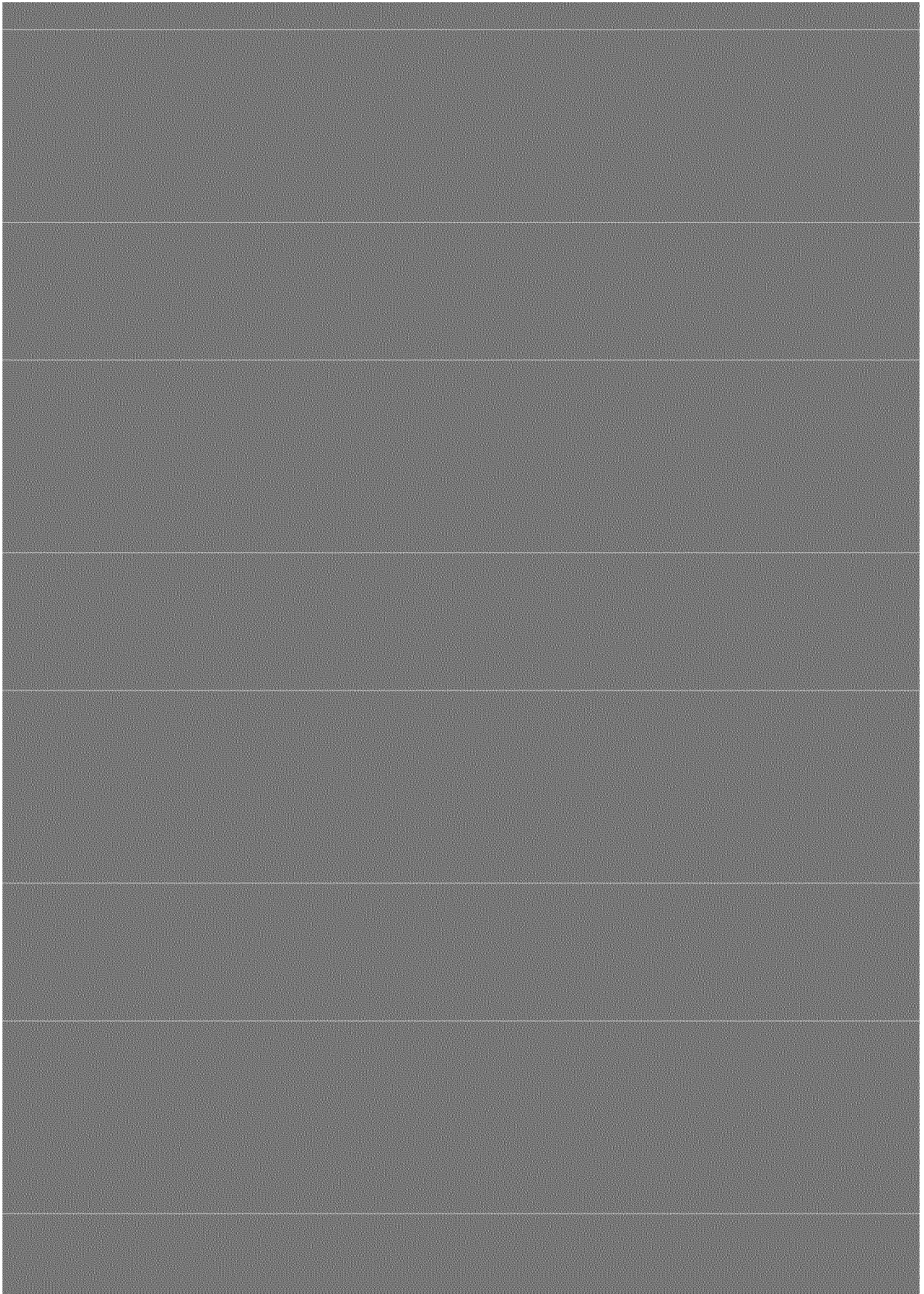
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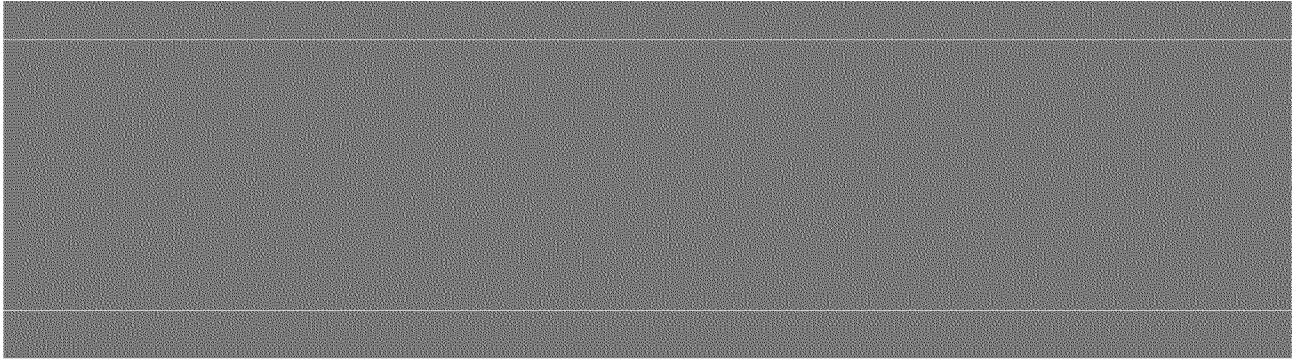
[REDACTED]

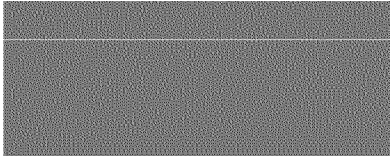
[REDACTED]











[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

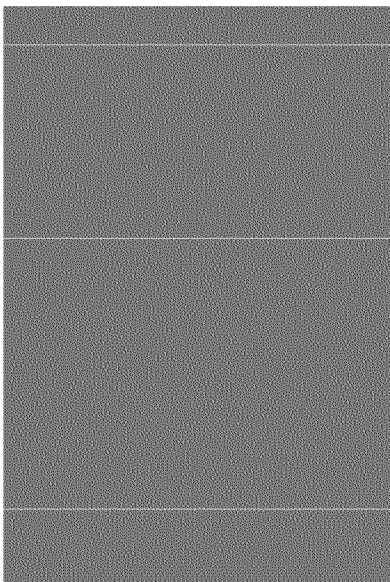
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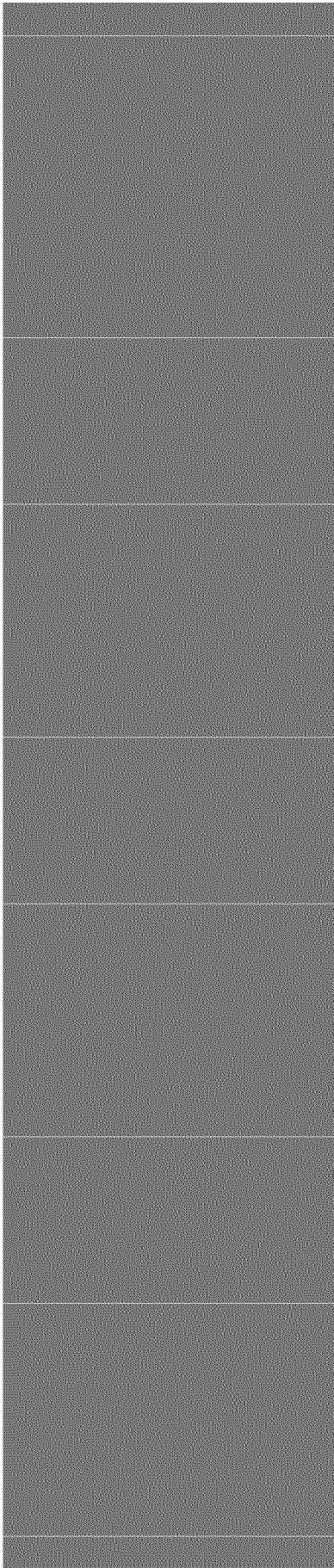
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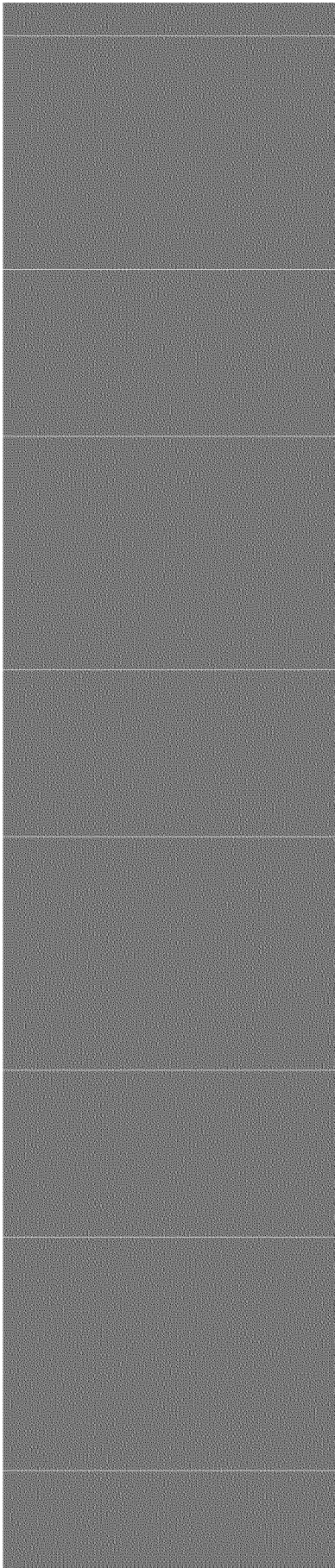
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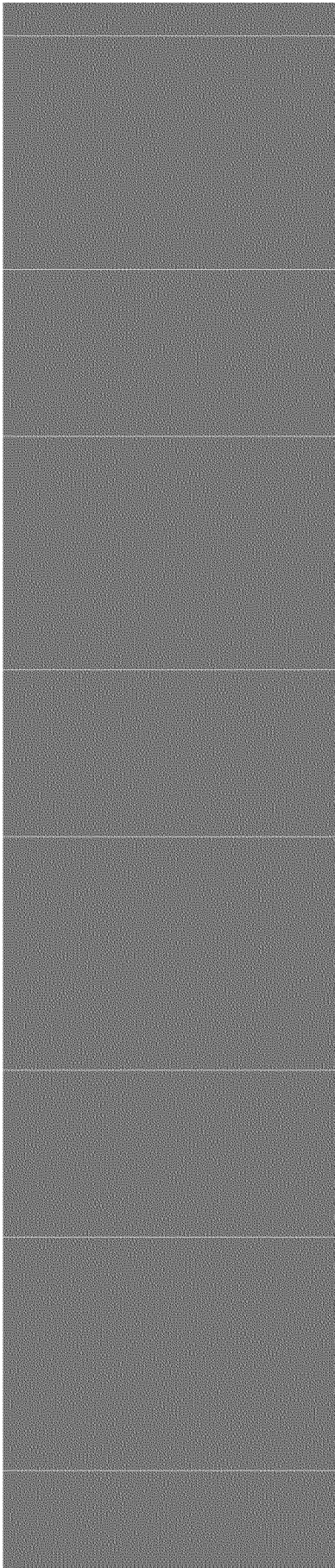
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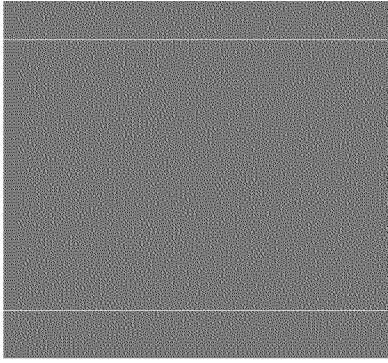
[REDACTED]











DATE dailyCU_DIS
flow_CFS

01/16/91	<4
02/18/91	<4
09/05/91	5.00
09/06/91	<4
09/07/91	6.00
09/09/91	<4
09/10/91	<4
10/21/91	4.00
04/30/92	9.00
05/26/92	8.00
06/23/92	7.00
06/24/92	8.00
06/25/92	<4
06/25/92	6.00
07/23/92	5.00
08/19/92	7.00
09/24/92	<4
10/14/92	6.00
10/15/92	5.00
10/22/92	7.00
06/15/93	7.00
07/20/93	6.00
07/21/93	5.00
08/23/93	<4
09/28/93	<4
10/26/93	7.00
11/10/93	6.00
11/29/93	4.00
12/29/93	9.00
03/29/94	17.00
05/16/94	12.00
05/18/94	11.00
06/02/94	9.00
06/27/94	4.00
07/18/94	6.00
07/26/94	3.00
09/28/94	<4
11/09/94	10.00
11/09/94	13.00
01/18/95	17.00

Jan.	Feb	Mar	Apr	May	June	July	Aug
Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu
2.00	2.00	17.00	9.00	8.00	7.00	5.00	7.00
17.00	20.00		19.00	12.00	8.00	6.00	2.00
17.00			21.67	11.00	4.00	5.00	
				8.00	7.00	6.00	
					9.00	3.00	
					4.00		
					8.00		
					5.00		

COLOR CODE: 1991 1992 1993 1994 1995
All red font are averages of same day samples
Didn't use any RL's greater than 10.

08/05/98	<10	
08/05/98	<10	
9/2/1998	<5	
9/2/1998	<5	
09/09/98	<10	
09/09/98	<10	
09/30/98	<4	
10/07/98	<10	
10/07/98	<10	
11/10/98	<10	
11/10/98	<10	
11/13/1998		5.7
12/02/98	20.00	
12/02/98	20.00	
01/06/99	20.00	
01/06/99	30.00	
02/04/99	<10	
02/04/99	<10	
02/19/99	16.25	
03/03/99	<5	
03/03/99	20.00	
04/07/99	14.00	
04/07/99	10.00	
4/8/1999		9.2
04/30/99	12.41	
05/06/99	15.00	
05/06/99	<10	
6/3/1999		7.594
06/09/99	11.00	
06/09/99	<10	
6/23/1999	8.50	
07/07/99	<1	
07/07/99	<10	
08/04/99	<1	
08/04/99	<10	
08/19/99	<4	
8/26/1999		3.92
09/01/99	5.00	
09/01/99	10.00	
10/06/99	3.00	
10/06/99		
11/03/99	3.00	
11/03/99	20.00	
11/30/1999		7.888
12/01/99	8.00	
12/01/99	<10	
01/05/00	9.00	

01/05/00	<10
02/02/00	10.00
02/02/00	<10
03/01/00	6.00
03/01/00	10.00
04/05/00	9.00
04/05/00	30.00
4/13/2000	17.77
4/25/2000	10.4
05/03/00	7.00
05/03/00	<10
5/24/2000	5.716
6/1/2000	4.4
06/07/00	4.00
06/07/00	10.00
6/29/2000	3.3
07/05/00	9.00
07/05/00	<10
7/19/2000	3.9
08/02/00	4.00
08/02/00	<10
8/9/2000	3.783
8/18/2000	7.3
09/06/00	9.00
09/06/00	<10
9/16/2000	<1.5
10/04/00	12.00
10/04/00	<10
11/01/00	12.00
11/01/00	20.00
11/7/2000	8.527
12/1/2000	<4
12/06/00	10.00
12/06/00	10.00
01/03/01	11.00
01/03/01	10.00
01/03/01	
01/03/01	
02/07/01	18.00
02/07/01	10.00
03/14/01	20.00
03/14/01	20.00
3/20/2001	<4
04/04/01	30.00
04/04/01	20.00
4/30/2001	8.866
05/02/01	13.00

05/02/01	10.00
5/30/2001	6.9818
06/06/01	<10
06/06/01	<10
07/06/01	<10
07/06/01	<10
08/01/01	20.00
08/01/01	10.00
8/10/2001	2.57961
8/21/2001	<4
09/05/01	<10
09/05/01	<10
10/03/01	<10
10/03/01	<10
11/1/2001	7.01411
11/06/01	20.00
11/06/01	20.00
12/05/01	10.00
12/05/01	10.00

DATE	dailyCU_DIS flow_CFS
4/5/06	25
4/19/2006	11.482
5/10/06	10.8
05/10/2006	7
5/24/2006	5
5/24/2006	5.418
6/6/06	4.3
6/21/2006	<5
7/12/06	5.4
07/12/2006	6
8/2/06	7.7
8/16/2006	5
9/6/06	9.9
09/06/2006	1
9/27/2006	10.15
10/11/06	9.8
10/31/2006	12.88
11/1/06	14.2
11/01/2006	16
12/5/06	46.9
12/6/2006	<5
1/11/07	57.5
4/2/07	23.5
4/16/2007	16.26
05/11/2007	6

Jan.	Feb	Mar	Apr	May	June	July	Aug
Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu
57.5	35.9	35.1	23.5	5.85	6.464	5.45	7
		25.2	16.26	6	2.5	2.5	9.7
			6.102	6.44	6.1	5.07	2.5
			19.2	7.95	2.25	3.90	6.059

5/11/2007	5.7
5/15/2007	6
5/16/2007	6.44
07/11/2007	6
7/11/2007	4.9
7/12/2007	<5
7/18/2007	5.07
8/6/2007	7
09/05/2007	<10
10/4/2007	9
10/25/2007	22.1
11/6/2007	19.35
11/07/2007	22
11/7/2007	16
12/5/2007	39.9
05/07/08	8.00
5/7/2008	7.9
5/12/2008	7
5/14/2008	5.713
6/3/2008	8.2
6/3/2008	4.728
07/09/08	4.00
7/9/2008	3.8
8/5/2008	86 9.7
8/6/2008	< 5
8/14/2008	6.059
09/03/08	9.00
9/3/2008	8.4
10/6/2008	25
10/22/2008	26
11/7/2008	42.9
12/2/2008	28.31
12/3/2008	38.9
4/29/2009	6.102
5/13/2009	5
5/13/2009	4.5
5/18/2009	3.6
6/10/2009	< 5
6/12/2009	6.1
6/16/2009	4.5
7/8/2009	4
7/8/2009	2.5
7/14/2009	4.8
7/21/2009	3.431
8/10/2009	13
8/12/2009	636 14.5
8/18/2009	17.4

13.5	7	5	3.25	13
14.3	5.713	3.136	4.8	14.5
	4.75	5	3.431	17.4
	3.6	5	10.25	5.71
	7.591	6.2	6	4.9
	14			5.3
	8.2			

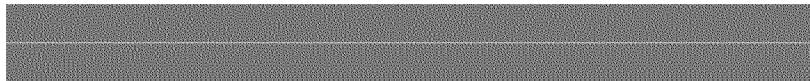
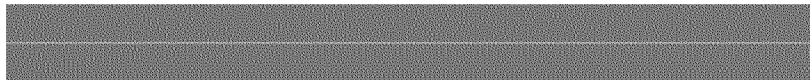
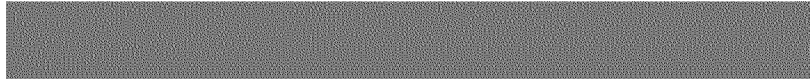
COLOR CODE:

2007 2008 2009 2010

All red font are averages of same day samples

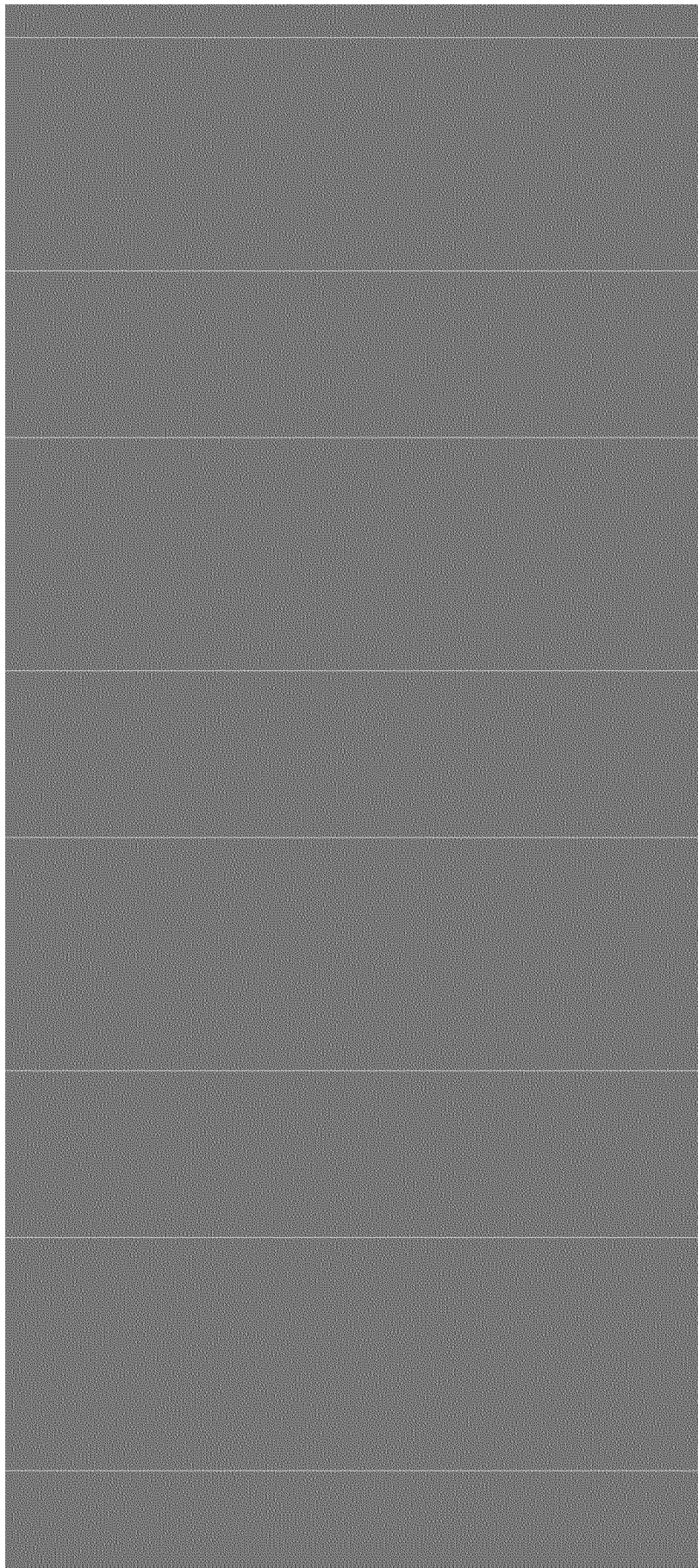
Didn't use any RL's greater than 10.

9/9/2009	21.53
9/16/2009	10
9/16/2009	8.2
9/22/2009	85 14.7
10/5/2009	23.3
10/26/2009	25
11/4/2009	24.00
11/5/2009	30 27.6
11/13/2009	26.41
11/17/2009	36.9
12/1/2009	31
2/17/2010	17.9 35.9
3/17/2010	35.1
4/13/2010	576 19.2
5/4/2010	7.591
6/2/2010	33 <10.0
6/9/2010	3.136
7/8/2010	15.00
7/8/2010	5.5
7/13/2010	7
7/13/2010	<10.0
8/10/2010	8.2
8/10/2010	3.218
9/14/2010	12.9
10/4/2010	14
11/2/2010	14.5
11/3/2010	12.00
11/3/2010	8.5
12/7/2010	20.7
3/15/2011	25.2
4/4/2011	13.5
4/6/2011	14.3
5/4/2011	14
5/8/2011	8.2
6/7/2011	5
6/14/2011	<10.0
6/30/2011	6.2
7/19/2011	<20.0
8/1/2011	4.9
8/16/2011	<20.0
8/31/2011	5.3
9/7/2011	6.3
9/7/2011	10
9/13/2011	<20.0
10/7/2011	10.1
10/18/2011	<20.0
11/2/2011	11



5/10/2013		
5/11/2013		
5/12/2013		
5/13/2013		
5/14/2013	7.61	
5/14/2013		
5/15/2013		
5/16/2013		
5/17/2013		
5/18/2013		
5/19/2013		
5/20/2013		
5/21/2013		
5/22/2013		
5/23/2013		
5/24/2013		
5/25/2013		
5/26/2013		
5/27/2013		
5/28/2013		
5/29/2013		
5/30/2013		
5/31/2013		
6/1/2013		
6/2/2013		
6/3/2013		
6/4/2013		
6/5/2013	5.3	
6/5/2013		
6/6/2013		
6/7/2013		
6/8/2013		
6/9/2013		
6/10/2013		
6/11/2013		
6/12/2013		
6/13/2013		
6/14/2013		
6/15/2013		
6/16/2013		
6/17/2013		
6/18/2013		
6/19/2013		
6/20/2013		
6/21/2013		
6/22/2013		
6/23/2013		

6/24/2013	
6/25/2013	
6/26/2013	
6/27/2013	
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6/29/2013	
6/30/2013	
7/1/2013	
7/2/2013	
7/3/2013	
7/4/2013	
7/5/2013	
7/6/2013	
7/7/2013	6.1
7/7/2013	
7/8/2013	
7/9/2013	
7/10/2013	
7/11/2013	
7/12/2013	
7/13/2013	
7/14/2013	
7/15/2013	
7/16/2013	
7/17/2013	2.68
7/18/2013	
8/4/2013	5.9
9/10/2013	8.1
10/2/2013	5.7
11/8/2013	4.9
12/13/2013	
1/8/2014	11.1
2/7/2014	13.8
3/5/2014	14.5
4/10/2014	10.7
5/1/2014	7.9
5/5/2014	6.38
5/13/2014	
5/21/2014	
5/27/2014	
6/6/2014	4.9
6/6/2014	
6/13/2014	
6/23/2014	
7/1/2014	3
7/2/2014	
7/11/2014	

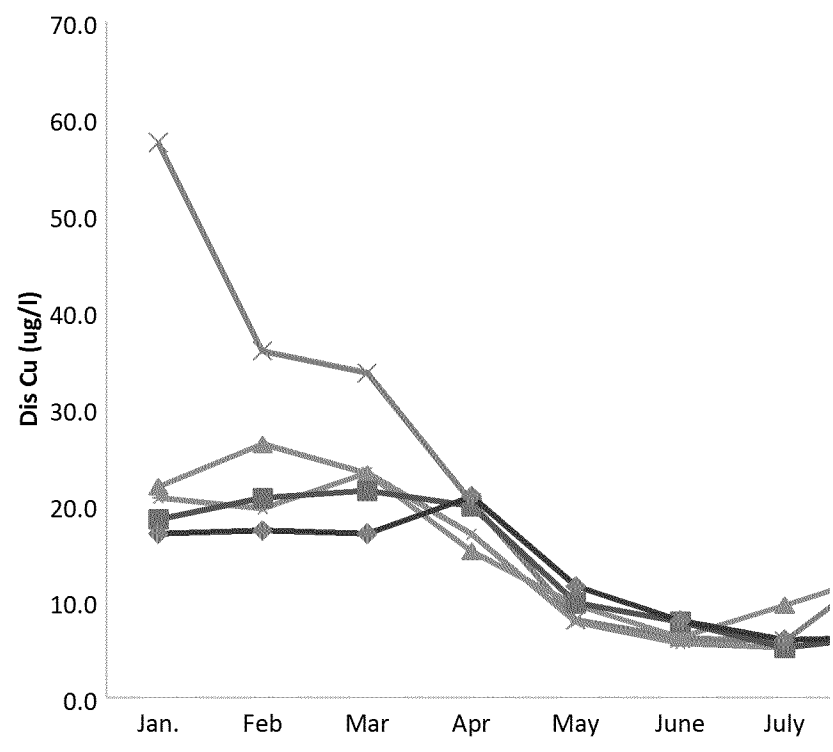


Sept	Oct	Nov	Dec
Cu	Cu	Cu	Cu
5.00	4.00	6.00	9.00
2.00	6.00	4.00	
6.00	5.00	11.50	
2.00	7.00	5.75	
2.00	7.00		
2.00			
2.00			
2.00			
7.00			

	Jan.	Feb	Mar	Apr
Ave. dCu 1991-mid 1996	12.0	11.0	17.0	16.6
85th dCu 1991-mid 1996	17.0	17.3	17.0	20.9
Ave. Hardness 1991-mid 1996	218	200	320	163
Cu TVS 1991-mid 1996	17.4	16.2	24.2	13.6
Ave. monthly flows 1991-mid 1996 (cfs)	62	63	74	160
dCu Load 1991-mid 1996 lbs/day	3.99	3.71	6.76	14.30

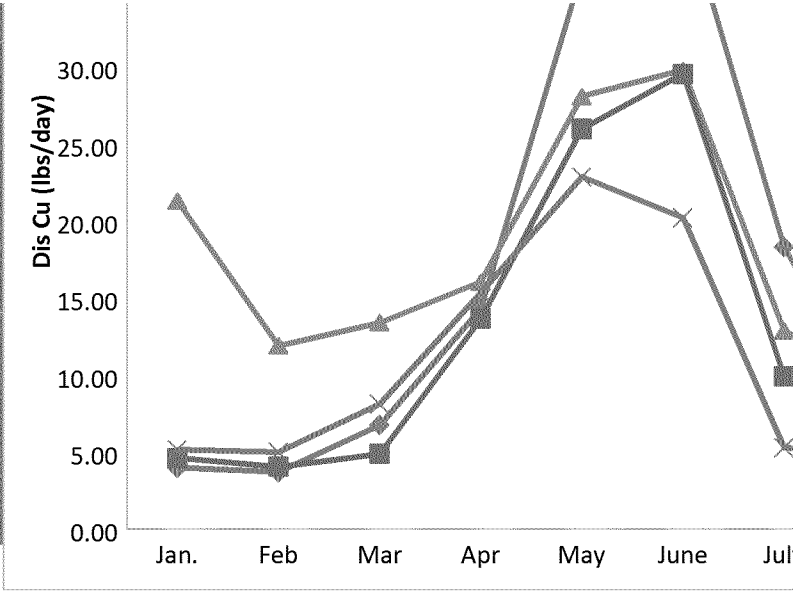
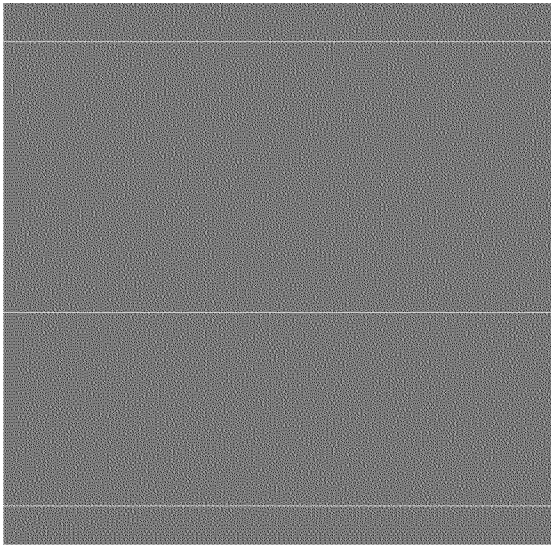
1996

Dis Cu



Dis Cu





Sept Cu	Oct Cu	Nov Cu	Dec Cu
2.50	5.00	5.00	20.00
5.00	3.00	5.7	6.50
2.00	8.50	11.50	2
7.50	5.00	7.888	10.00
7.00		12.00	10.00
0.75		20.00	
5.00		8.527	
		7.01411	
		20.00	

	Jan.	Feb	Mar	Apr
Ave. dCu 1998-2001	13.1	14.3	14.5	15.2
85th dCu 1998-2001	18.5	20.7	21.4	19.8
Ave. Hardness 1998-2001	300	311	299	203
Cu TVS 1998-2001	22.9	23.6	22.8	16.4
Ave. monthly flows 1998-2001 (cfs)	65	53	63	167
dCu Load 1998-2001 lbs/day	4.61	4.06	4.89	13.66

Sept	Oct	Nov	Dec
Cu	Cu	Cu	Cu
5	9	19.35	39.9
8.70	22.1	19	28.31
21.53	25	42.9	38.9
9.1	26	24.00	31

Ave. dCu 2007-2011
85th dCu 2007-2011
Ave. Hardness 2007-2011
Cu TVS 2007-2011

Jan.	Feb	Mar	Apr
57.5	35.9	30.2	15.5
57.5	35.9	33.6	20.3
284	352	305	185
21.9	26.3	23.2	15.2

14.7	23.3	27.6	20.7					
12.9	25	26.41	14.4	Ave. monthly flows	69	62	82	192
8.15	14	36.9		2007-2011 (cfs)				
	10.1	14.5						
		10.25		dCu Load 2007-2011	21.30	11.91	13.39	16.04
		9.85		lbs/day				
		13.2						

2011								

[REDACTED]

[REDACTED]

[REDACTED]

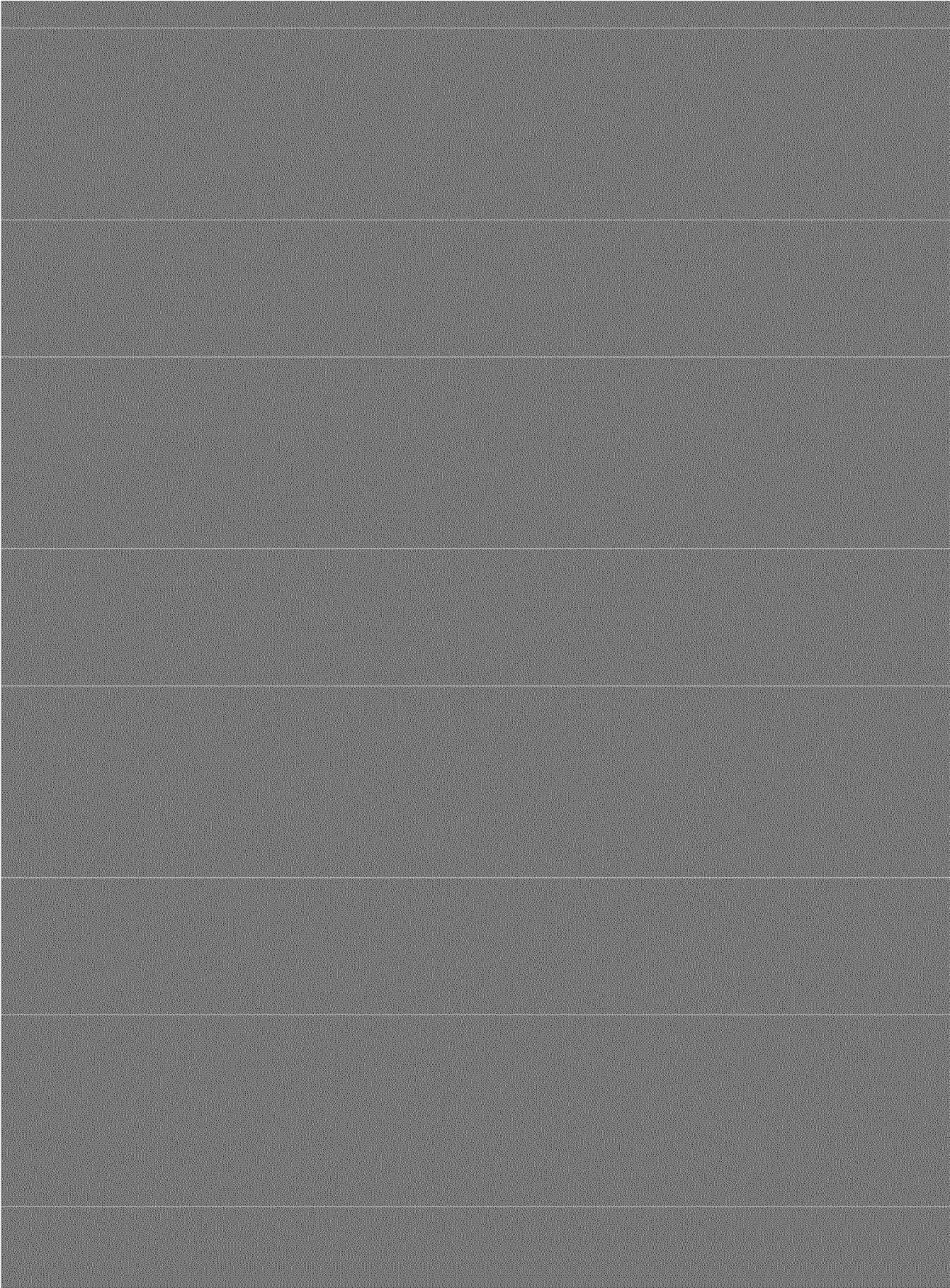
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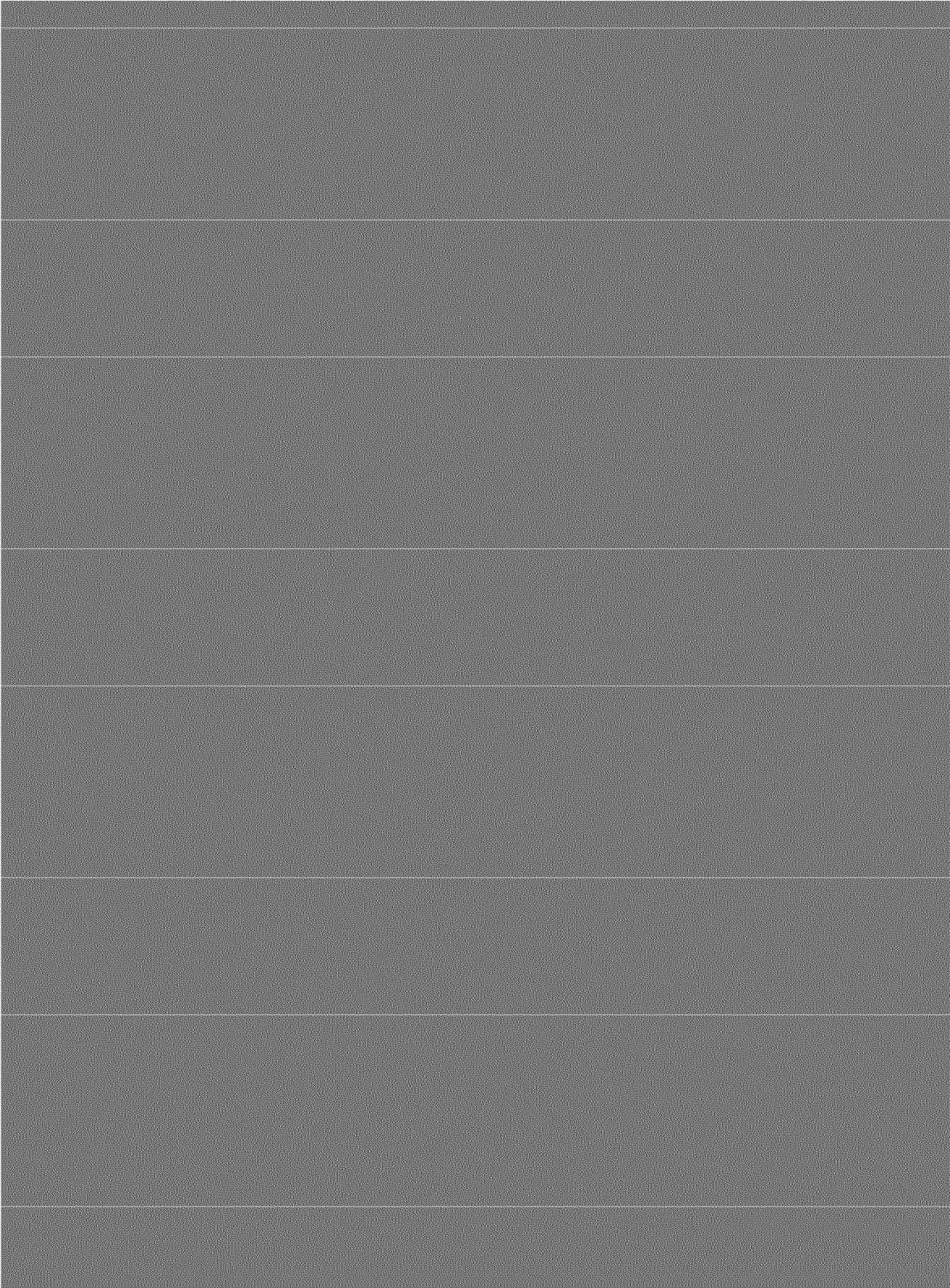
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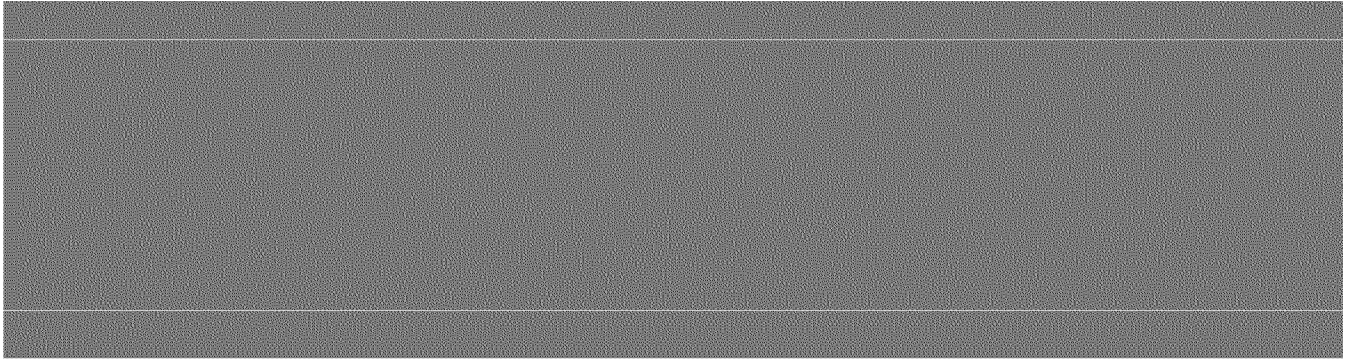
[REDACTED]

[REDACTED]

Sept	Oct	Nov	Dec		Jan.	Feb	Mar	Apr
Cu	Cu	Cu	Cu					
10.2	9.52	18.5	25.7	Ave. dCu 2012-2014	17.2	17.2	19.7	13.4
8.1	12.5	4.9		85th dCu 2012-2014	20.7	19.6	23.3	16.9
3.7	10.5	4.7		Ave. Hardness 2012-2014	303	308	323	191
3.02	5.7			Cu TVS 2012-2014	23.1	23.4	24.4	15.5
	3.2							
				Ave. monthly flows	56	54	77	213
				2012-2014 (cfs)				
				dCu Load 2012-2014	5.15	5.01	8.13	15.34
				lbs/day				

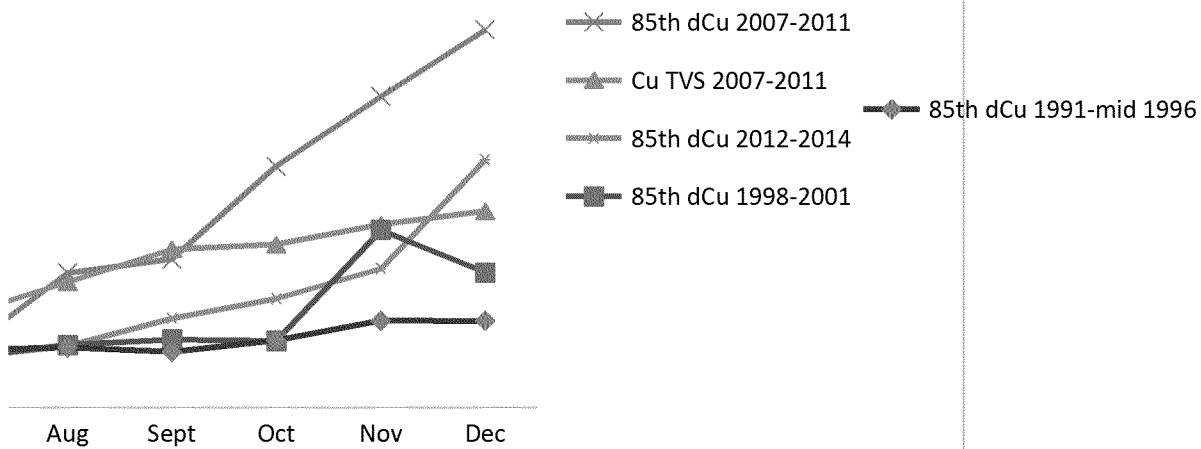




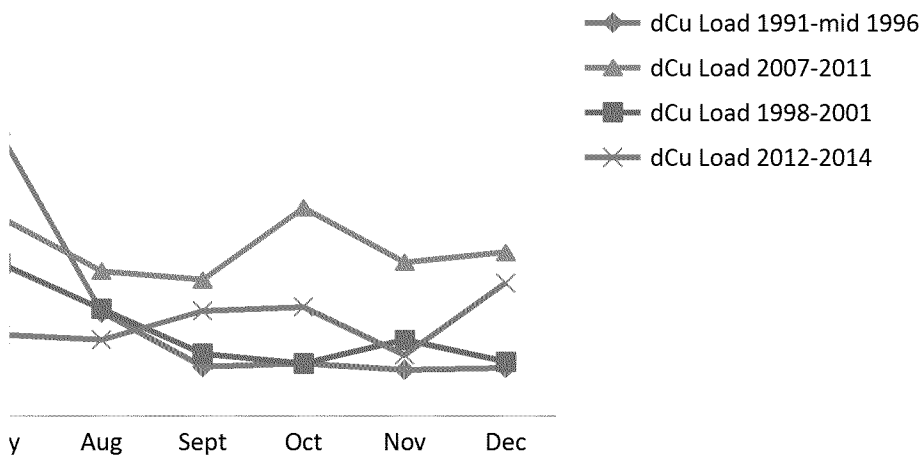


May	June	July	Aug	Sept	Oct	Nov	Dec
9.8	6.5	5.0	4.5	3.3	5.8	6.8	9.0
11.6	8.0	6.0	6.3	5.8	7.0	9.0	9.0
72	61	119	165	166	252	258	330
6.8	5.9	10.4	13.7	13.8	19.7	20.1	24.8
688	1158	679	278	179	110	82	65
36.18	40.58	18.30	6.74	3.21	3.44	3.02	3.15

Conc. at A72



Load at A72



May	June	July	Aug	Sept	Oct	Nov	Dec
6.7	5.4	4.0	4.9	4.3	5.4	10.8	9.7
9.8	7.9	5.2	6.5	7.1	6.9	18.4	14.0
103	69	96	144	158	214	238	267
9.2	6.6	8.7	12.2	13.2	17.1	18.8	20.7
715	1019	462	264	177	118	85	68
25.98	29.54	9.91	6.96	4.05	3.42	4.95	3.54

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

May	June	July	Aug	Sept	Oct	Nov	Dec
7.0	4.6	5.0	8.6	11.4	19.3	22.2	28.9
8.1	6.2	5.9	14.0	15.4	25.0	32.3	39.2
109	66	108	154	203	210	241	262
9.6	6.2	9.6	13.0	16.4	16.9	19.0	20.4

743 1194 481 203 143 130 84 68

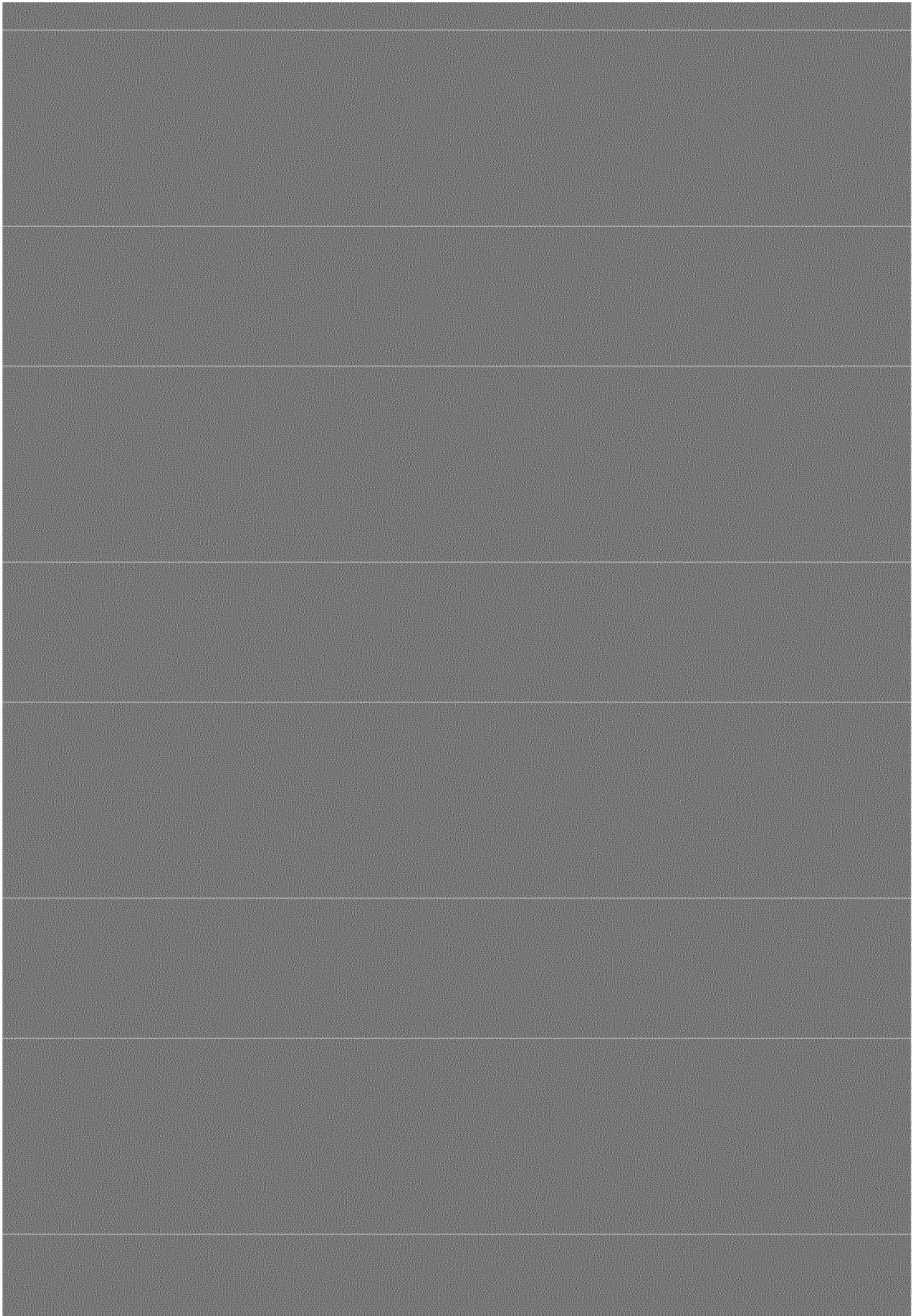
28.09 29.78 12.88 9.42 8.85 13.53 10.00 10.64

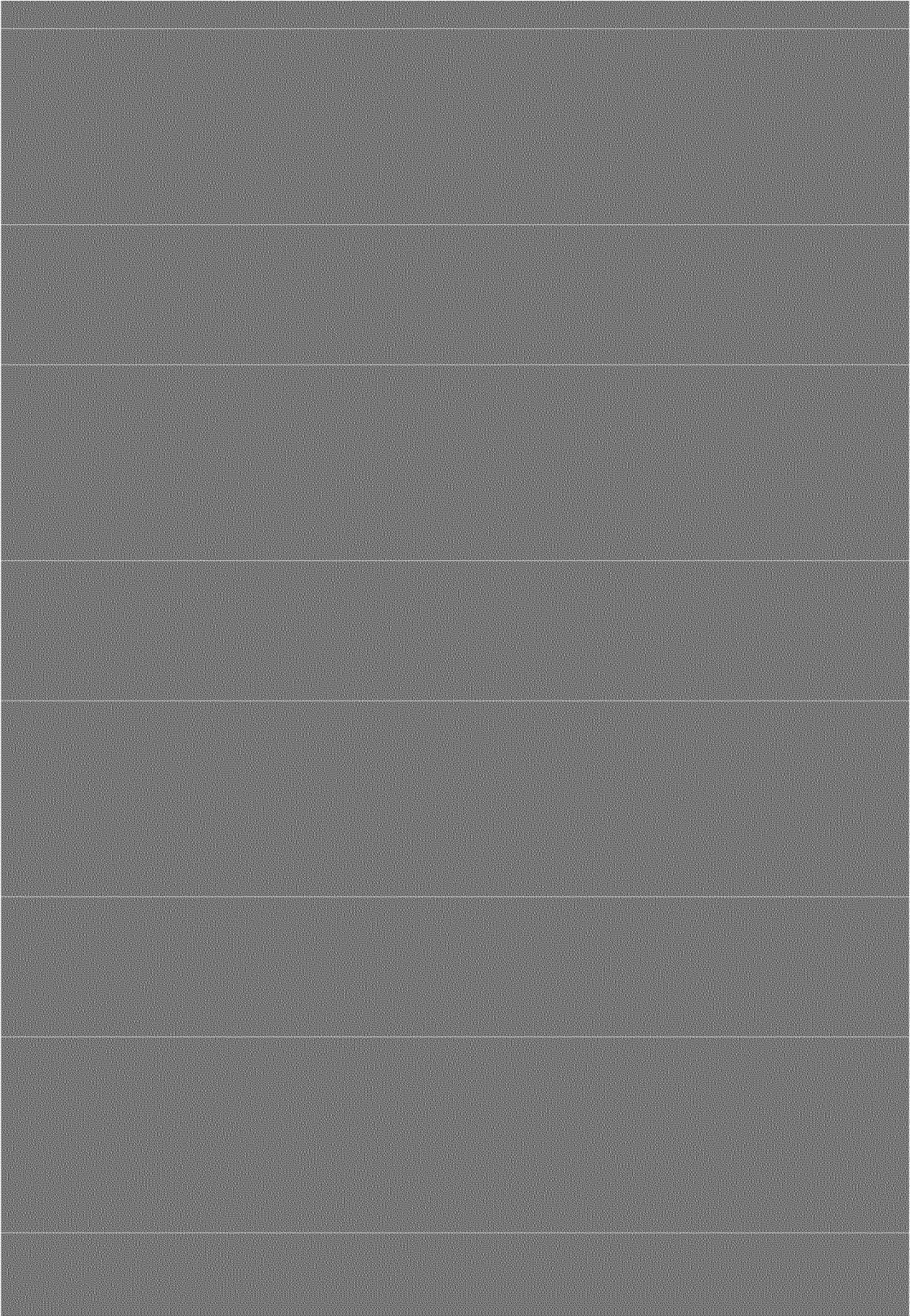
[REDACTED]

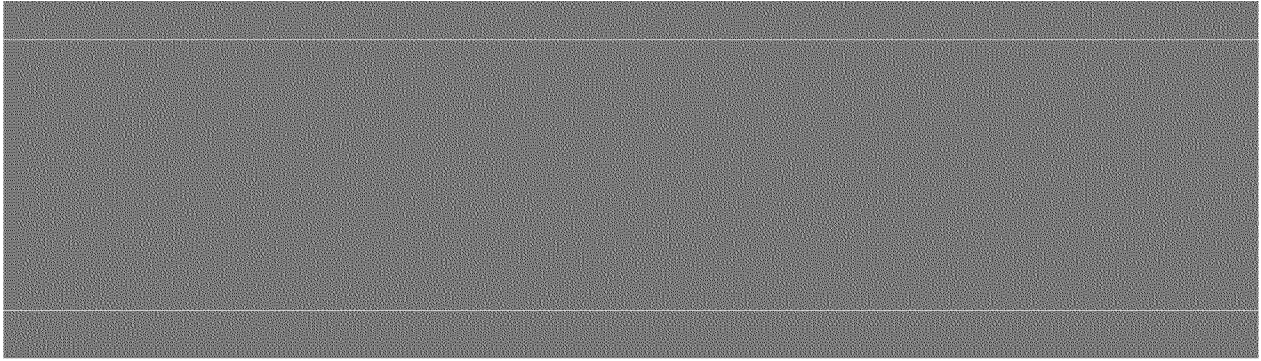
[REDACTED]

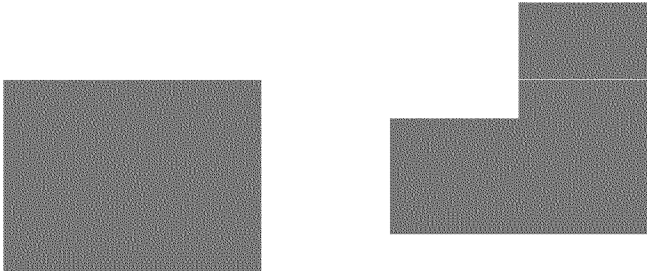
[REDACTED]

May	June	July	Aug	Sept	Oct	Nov	Dec
6.6	5.3	3.9	5.3	6.3	8.3	9.4	25.7
7.9	5.7	5.2	6.4	9.3	11.3	14.4	25.7
89	99	153	151	191	194	242	288
8.1	8.9	12.9	12.8	15.6	15.8	19.1	22.1
644	703	250	174	203	159	79	62
22.84	20.20	5.29	4.96	6.84	7.09	3.97	8.65









[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

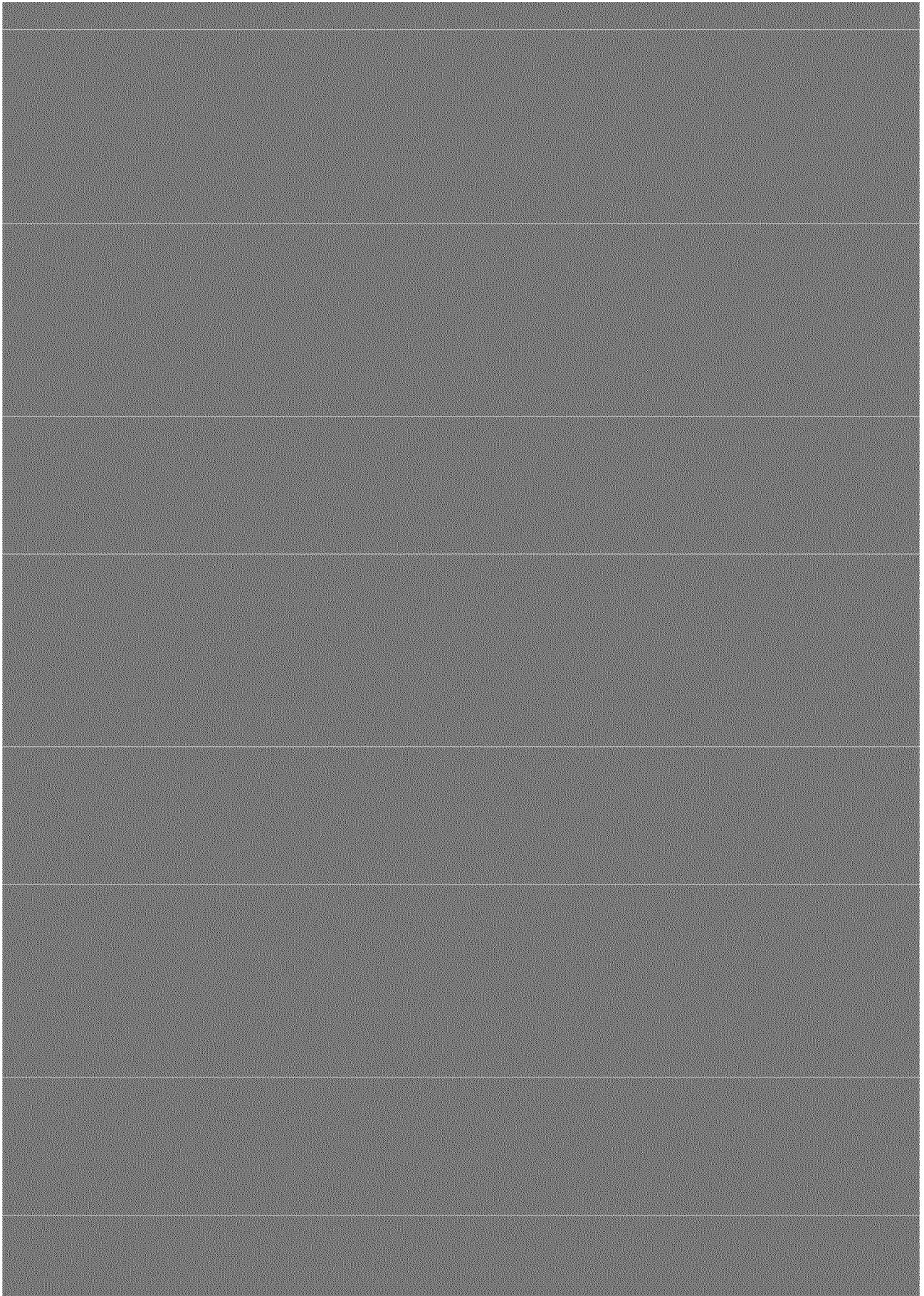
[REDACTED]

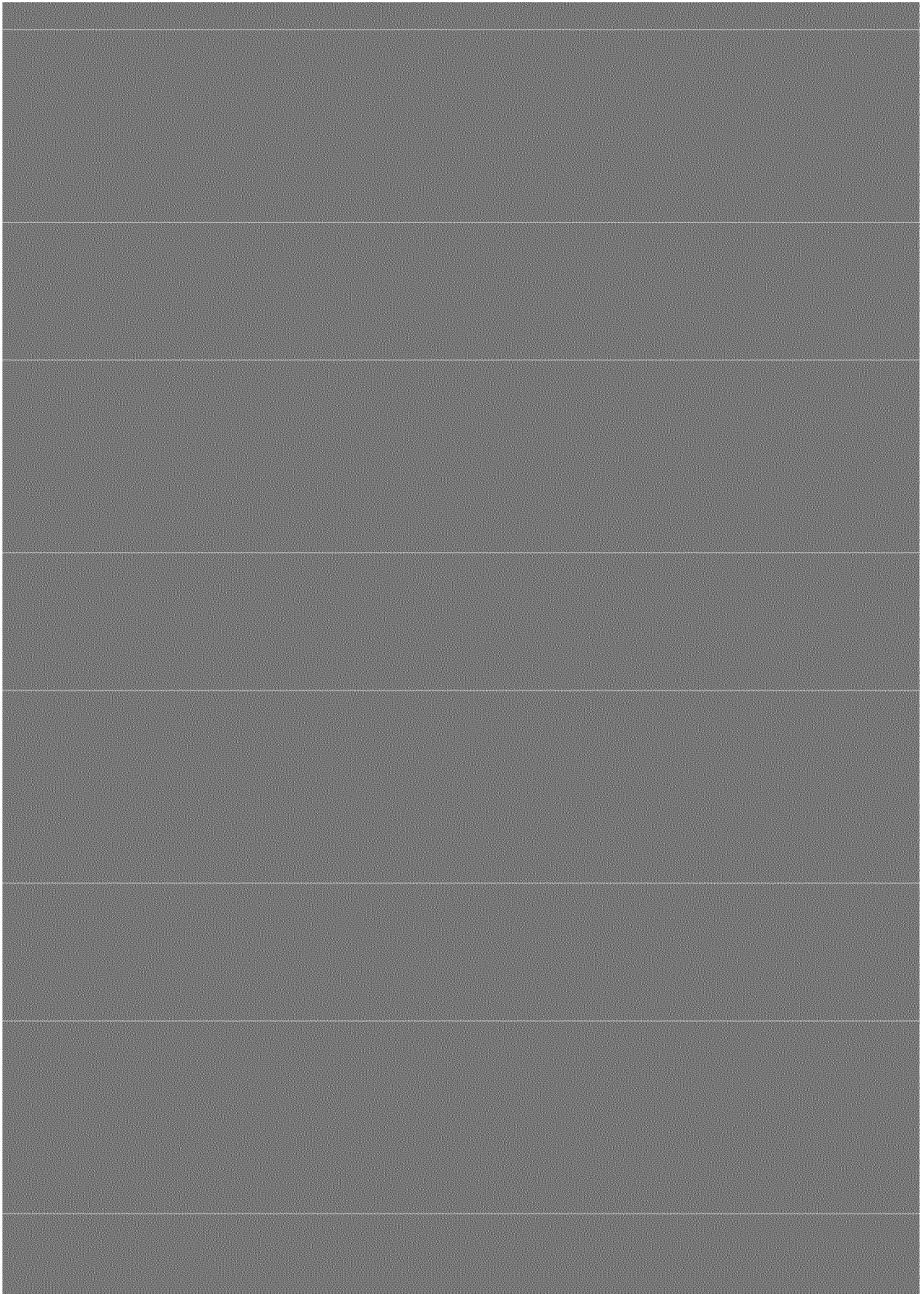
[REDACTED]

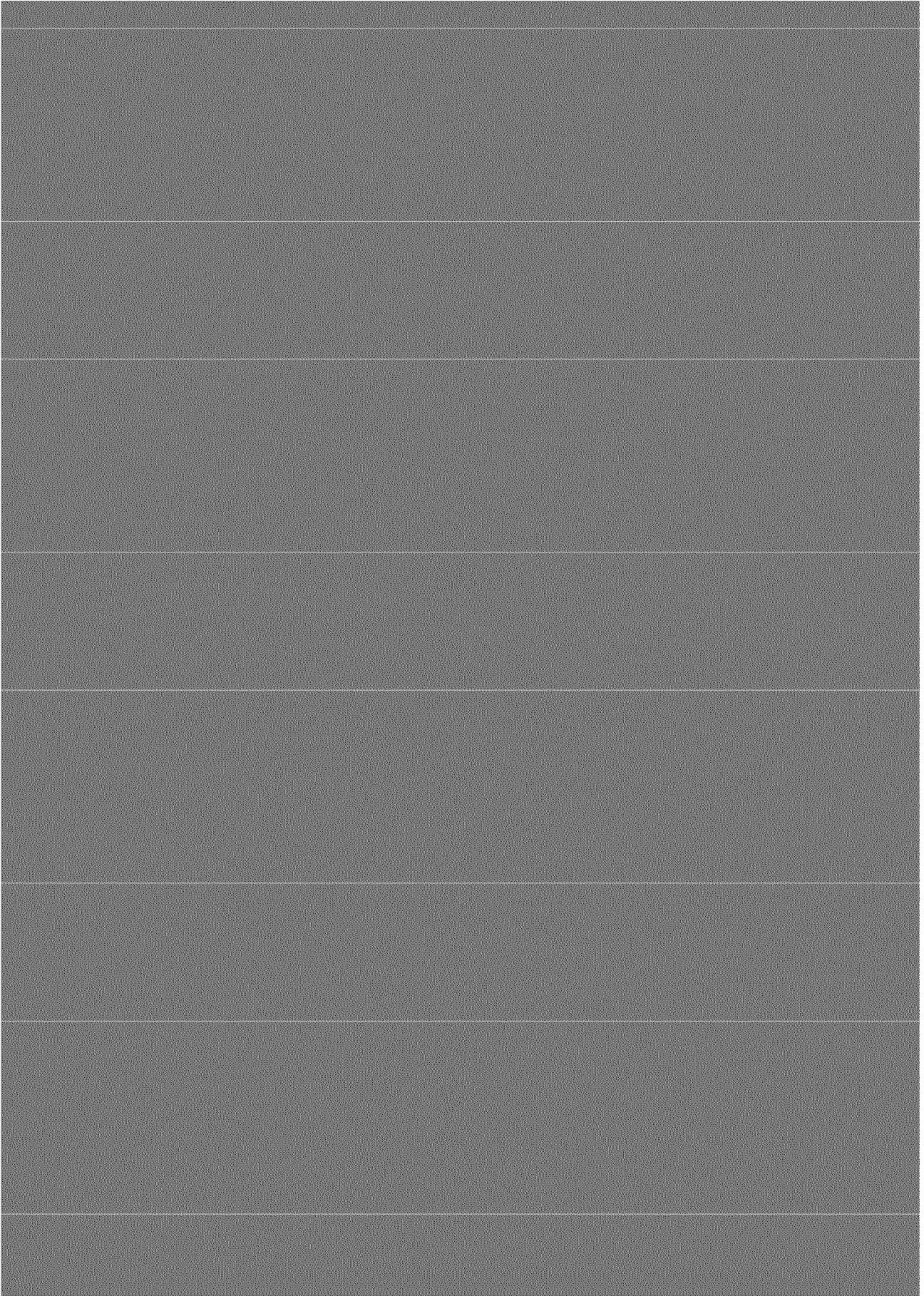
[REDACTED]

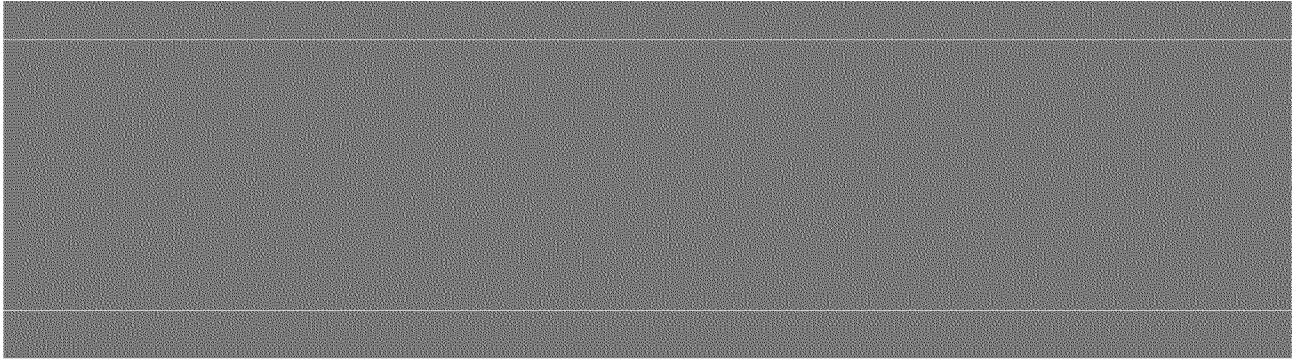
[REDACTED]

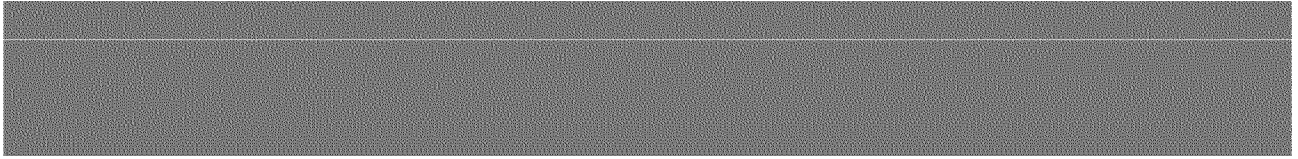
[REDACTED]











[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

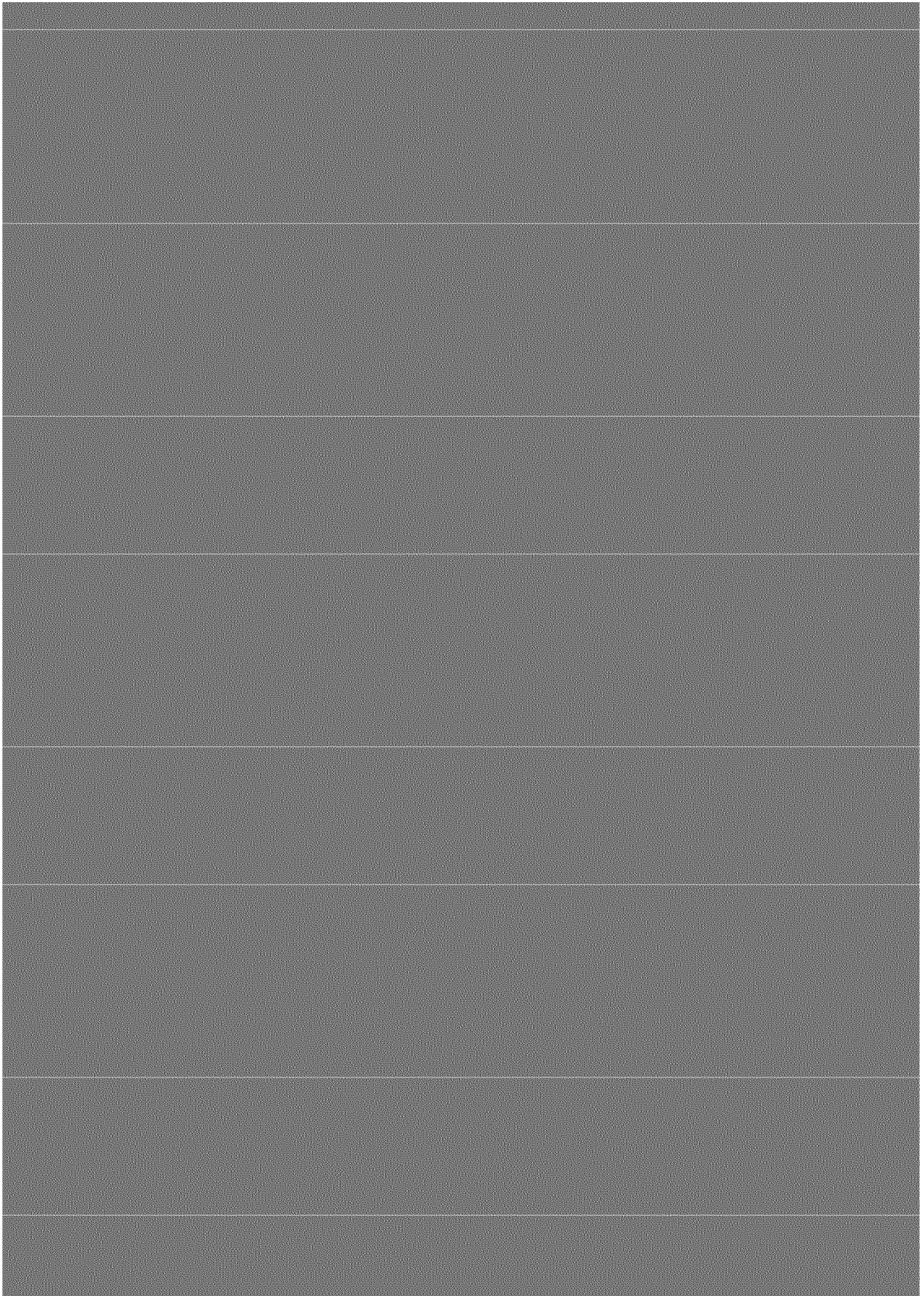
[REDACTED]

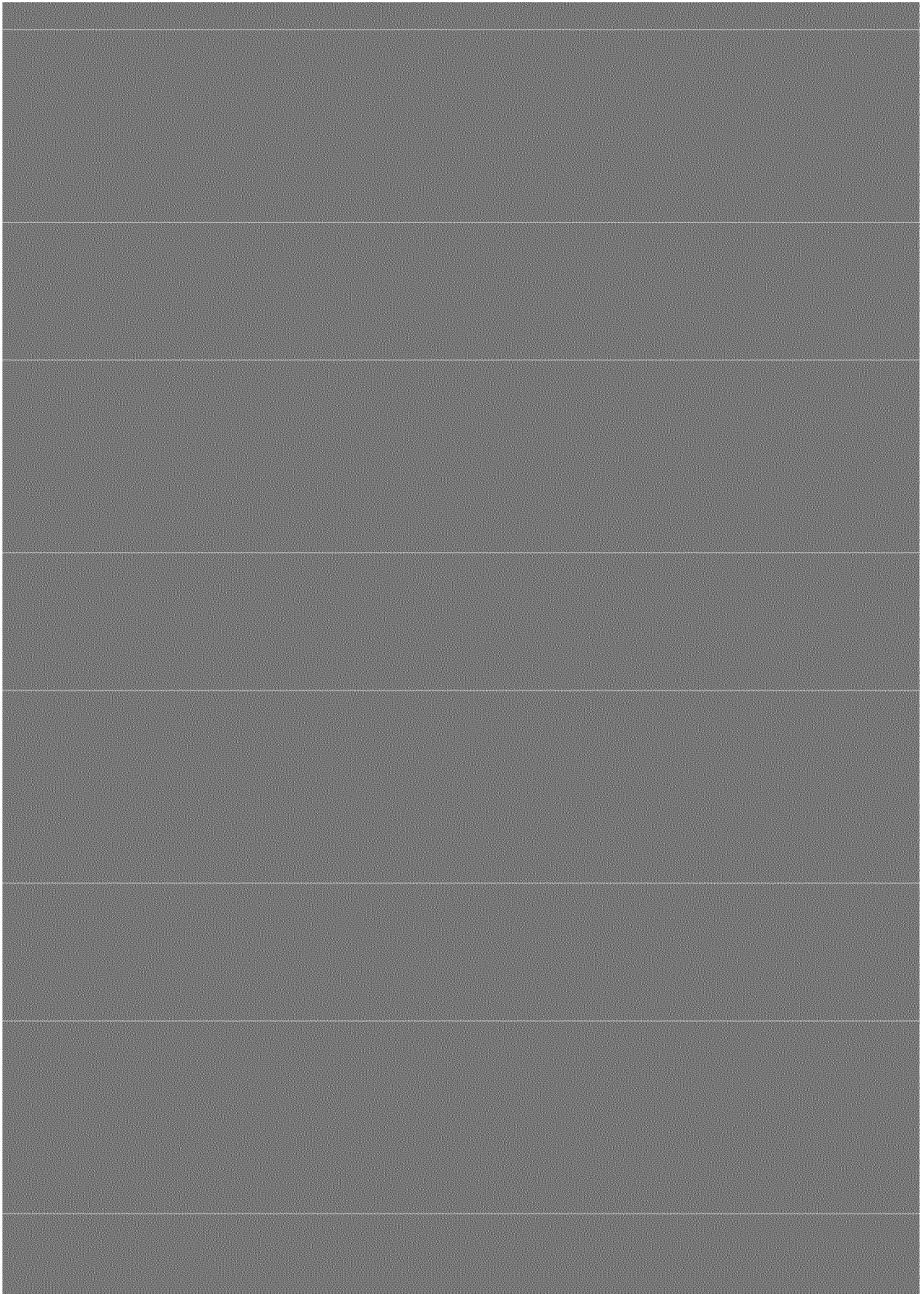
[REDACTED]

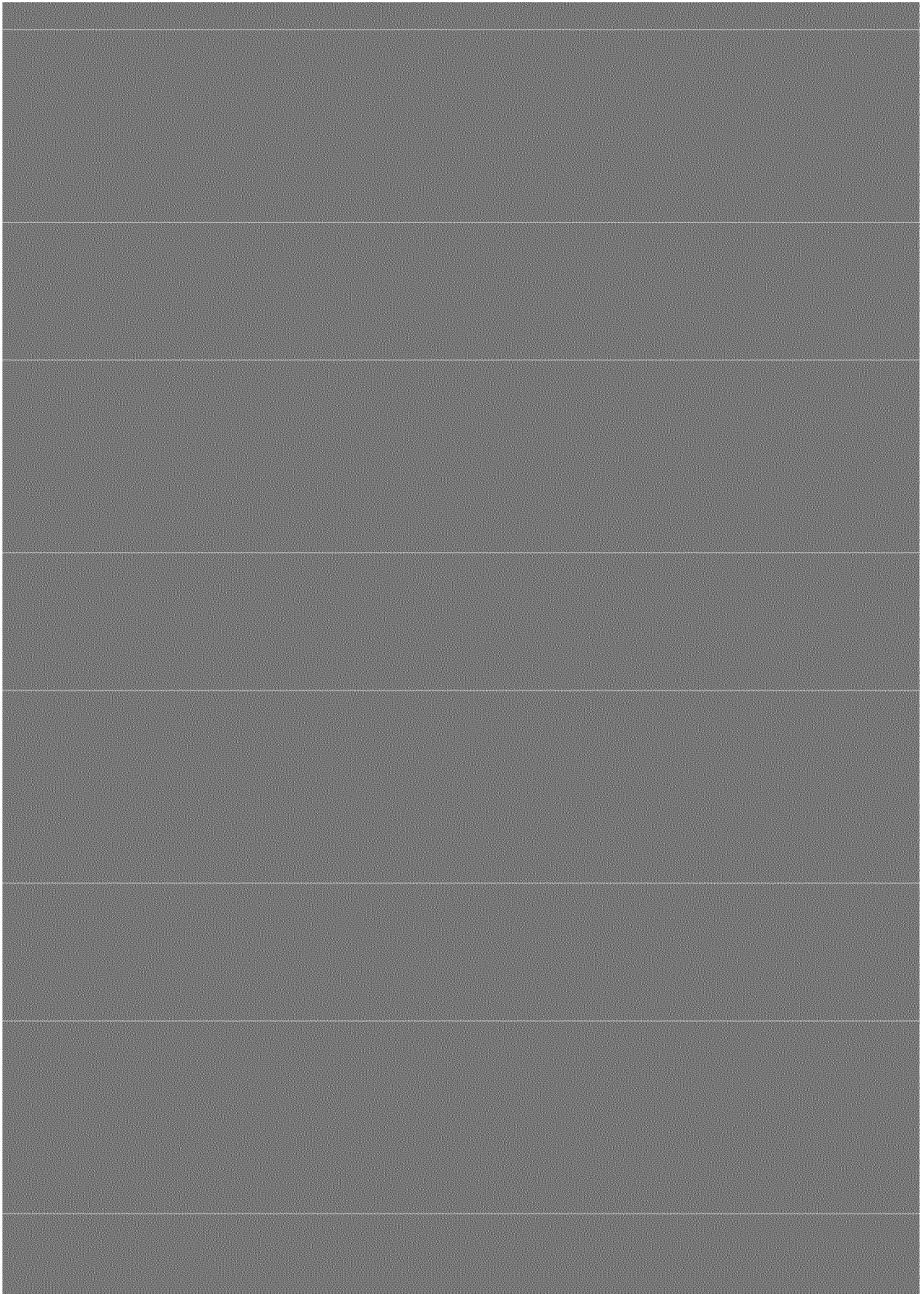
[REDACTED]

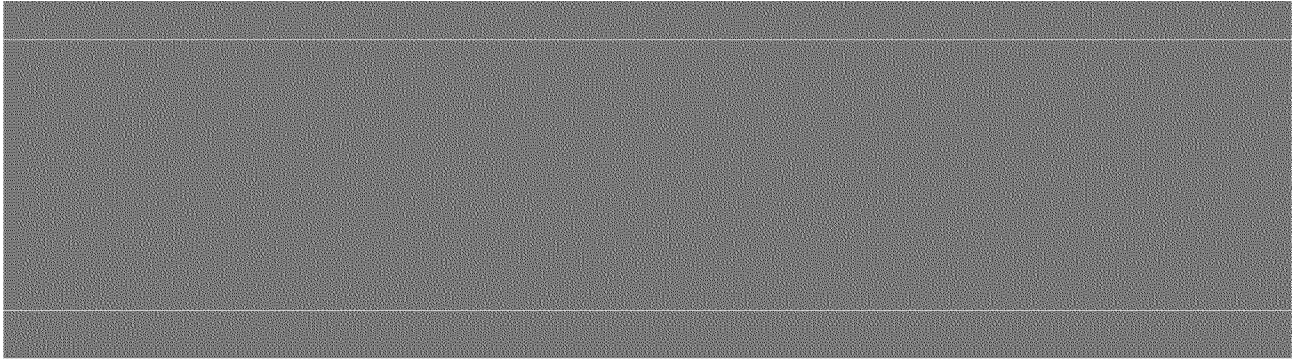
[REDACTED]

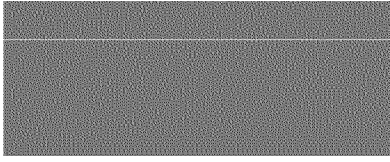
[REDACTED]











[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

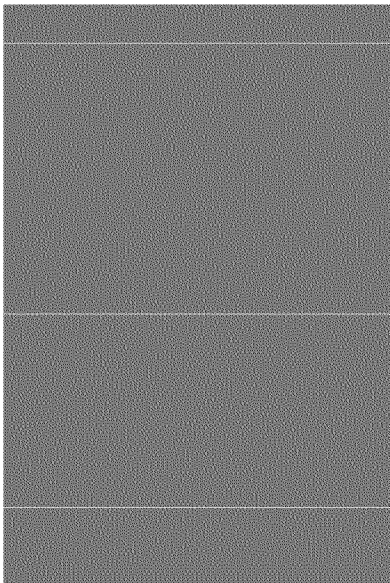
[REDACTED]

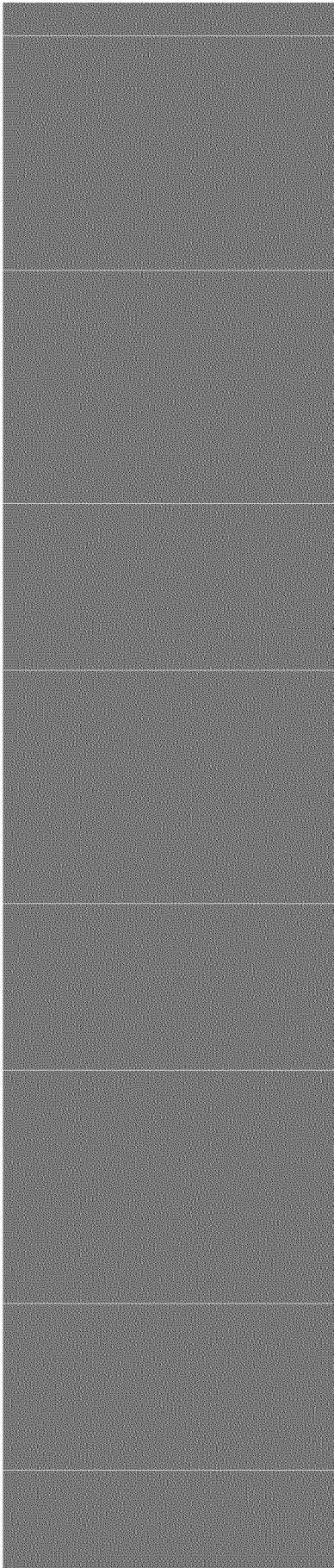
[REDACTED]

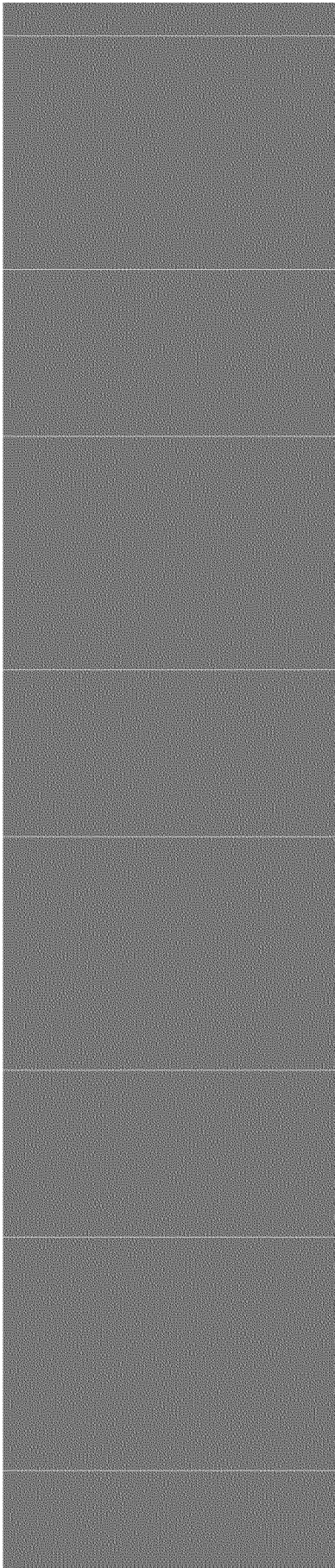
[REDACTED]

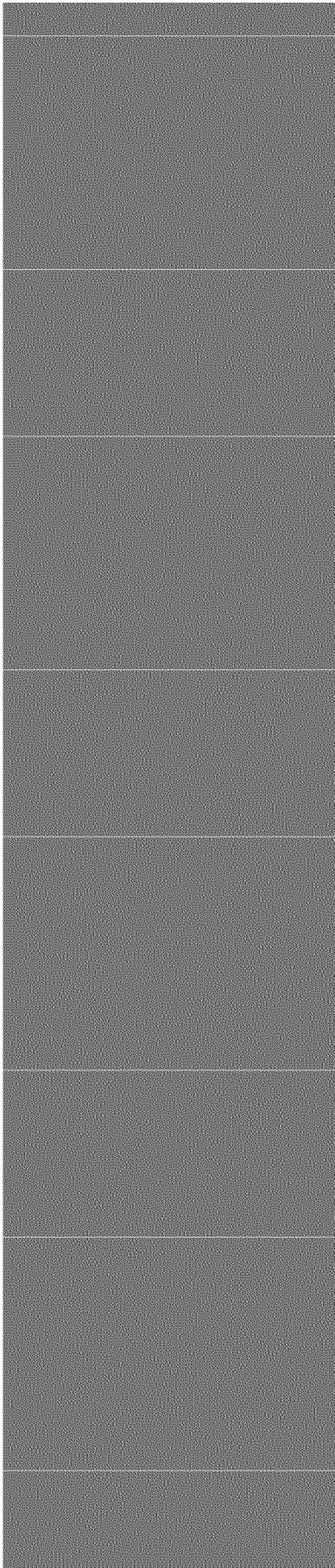
[REDACTED]

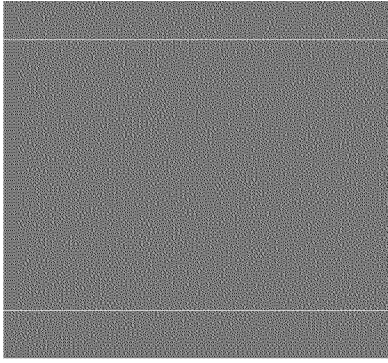
[REDACTED]











DATE	PB_DIS	Jan.	Feb	Mar	Apr	May	June	July	Aug	Sept
01/16/91	<5									
02/18/91	<5									
09/05/91	<5									
09/06/91	<5									
09/07/91	<5									
09/09/91	<5									
09/10/91	<5									
10/21/91	<5									
04/30/92	<5									
05/26/92	<5									
06/23/92	<5									
06/24/92	<5									
06/25/92	<5									
06/25/92	<5									
07/23/92	<5									
08/19/92	<5									
09/24/92	<5									
10/14/92	<5									
10/15/92	<5									
10/22/92	<5									
06/15/93	<5									
07/20/93	<5									
07/21/93	<5									
08/23/93	<5									
09/28/93	<5									
10/26/93	<5									
11/10/93	<1									
11/29/93	<5									
12/29/93	<5									
03/29/94	?									
05/16/94	?									
05/18/94	<1									
06/02/94	<1									
06/27/94	?									
07/18/94	?									
07/26/94	<1									
09/28/94	?									
11/09/94	?									
11/09/94	?									
01/18/95	<1									

02/07/95	5.00
02/07/95	5.00
04/12/95	-9.00
04/12/95	<1
06/21/95	<.2
06/21/95	<1
09/06/95	<.2
11/29/95	<.2
11/29/95	<1
01/16/96	<1
04/09/96	<5
04/09/96	<30
04/09/96	<1
05/22/96	<30
06/18/96	<5

DATE	PB_DIS	Jan.	Feb	Mar	Apr	May	June	July	Aug	Sept
01/07/98	<25									
01/07/98	40.00									
2/4/1998	<40									
2/4/1998	<5									
02/13/98	<30									
03/04/98	<5									
03/04/98	<40									
03/16/98	<30									
04/08/98	<5									
04/08/98										
04/08/98	<40									
04/08/98										
04/23/98	<30									
05/05/98	<30									
5/5/1998	38<1									
05/07/98	<5									
05/07/98	<40									
05/29/98	<30									
06/02/98	<30									
6/2/1998	<1									
06/10/98	<5									
06/10/98	<40									
06/10/98	<30									
06/25/98	<30									
07/01/98	<5									
07/01/98	<40									
07/09/98	<30									
07/22/98	<30									
7/22/1998	<1									

08/05/98	<5
08/05/98	<40
9/2/1998	<.6
9/2/1998	<.6
09/09/98	<5
09/09/98	<40
09/30/98	<30
10/07/98	<5
10/07/98	<40
11/10/98	<5
11/10/98	<40
11/13/1998	<1
12/02/98	<5
12/02/98	<40
01/06/99	<5
01/06/99	<40
02/04/99	<5
02/04/99	<40
02/19/99	<30
03/03/99	<5
03/03/99	<40
04/07/99	<5
04/07/99	<40
4/8/1999	<1
04/30/99	<30
05/06/99	<5
05/06/99	<40
6/3/1999	<1
06/09/99	<5
06/09/99	<40
6/23/1999	<.6
07/07/99	<5
07/07/99	<40
08/04/99	<5
08/04/99	<40
08/19/99	<30
8/26/1999	<1
09/01/99	<5
09/01/99	<40
10/06/99	<5
10/06/99	
11/03/99	<5
11/03/99	<40
11/30/1999	<1
12/01/99	<5
12/01/99	<40
01/05/00	<5

01/05/00	<40
02/02/00	<5
02/02/00	<1
03/01/00	<5
03/01/00	<40
04/05/00	<5
04/05/00	<40
4/13/2000	<1
4/25/2000	<22.5
05/03/00	<5
05/03/00	<40
5/24/2000	<1
6/1/2000	<22.5
06/07/00	<5
06/07/00	<40
6/29/2000	<22.5
07/05/00	<5
07/05/00	<40
7/19/2000	<22.5
08/02/00	<5
08/02/00	<40
8/9/2000	<1
8/18/2000	<22.5
09/06/00	<5
09/06/00	<40
9/16/2000	<22.5
10/04/00	<5
10/04/00	<40
11/01/00	<5
11/01/00	<40
11/7/2000	<1
12/1/2000	<30
12/06/00	<5
12/06/00	<40
01/03/01	<5
01/03/01	<40
01/03/01	
01/03/01	
02/07/01	<5
02/07/01	<40
03/14/01	<5
03/14/01	<40
3/20/2001	<30
04/04/01	<5
04/04/01	<40
4/30/2001	<1
05/02/01	<5

05/02/01	<40
5/30/2001	<1
06/06/01	<5
06/06/01	<40
07/06/01	<5
07/06/01	<40
08/01/01	<5
08/01/01	<40
8/10/2001	<1
8/21/2001	<30
09/05/01	<5
09/05/01	<40
10/03/01	<5
10/03/01	<40
11/1/2001	<1
11/06/01	<5
11/06/01	<40
12/05/01	<5
12/05/01	<40

DATE	PB_DIS
4/5/06	<3
4/19/2006	0.6
5/10/06	<3
05/10/2006	<1
5/24/2006	<1
5/24/2006	0.164
6/6/06	<3
6/21/2006	<1
7/12/06	<3
07/12/2006	<1
8/2/06	<3
8/16/2006	<1
9/6/06	<3
09/06/2006	<1
9/27/2006	0.12
10/11/06	<3
10/31/2006	<.12
11/1/06	<3
11/01/2006	<1
12/5/06	<3
12/6/2006	<1

1/11/07	<3
4/2/07	5.5
4/16/2007	0.2

Includes questionable CDOW data and uses reporting lim

Jan.	Feb	Mar	Apr	May	June	July	Aug	Sept
Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb
1.5	2.7	1.3	5.5	3.05	3.05	4.05	0.5	1.15
		1.5	0.2	0.23	0.5	0.5	4.7	0.164
			0.03		4.5	0.06	0.5	1

05/11/2007	<1
5/11/2007	5.6
5/15/2007	<1
5/16/2007	0.23
07/11/2007	<1
7/11/2007	7.6
7/12/2007	<1
7/18/2007	<0.12
8/6/2007	<1
09/05/2007	<5
10/4/2007	<1
10/25/2007	<3
11/6/2007	E0.0429
11/07/2007	<1
11/7/2007	<3
12/5/2007	<3
05/07/08	<1
5/7/2008	<3
5/12/2008	<1
5/14/2008	<.08
6/3/2008	5.5
6/3/2008	0.5649
07/09/08	<1
7/9/2008	3.7
8/5/2008	86 4.7
8/6/2008	<1
8/14/2008	<.08
09/03/08	1.00
9/3/2008	5.3
10/6/2008	7.9
10/22/2008	<1
11/7/2008	9.3
12/2/2008	0.3985
12/3/2008	16.2
4/29/2009	<.06
5/13/2009	<1
5/13/2009	4.1
5/18/2009	<1.0
6/10/2009	<1
6/12/2009	4.5
6/16/2009	<1.0
7/8/2009	<1
7/8/2009	<3
7/14/2009	<1.0
7/21/2009	<.06
8/10/2009	<1

0.5	0.5	0.5	0.04	0.5
0.35	0.04	0.5	0.5	0.1
1.5	2.3	0.92	0.5	1.5
0.5	0.95	0.03	0.5	0.5
0.0782	0.5	2.6	0.8265	
0.5	1.5	0.5	1.5	
1.5		0.5	0.5	
			0.04	

COLOR CODE:

2007	2008	2009	2010	2011
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All red font results are averages of same
Cross-hatched cells include questionable
Only used RL's below or equal to 3.0.

Does not Included questionable CDOW data and u

Jan.	Feb	Mar	Apr	May	June	July	Aug	Sept
Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb
	2.7	1.3	0.2	0.5	0.5649	0.5	0.5	1.00
		1.5	0.03	0.23	0.5	0.5	0.5	0.164
			0.5	0.5	0.5	0.06	0.04	0.5
			0.35	0.5	0.5	0.50	0.5	0.5
				0.04	0.92	0.5	0.5	0.1
				2.3	0.95	0.5	0.153	0.5
				0.5	0.5	0.03	0.5	0.5
				0.0782		0.5	0.04	
				0.5		0.5		
						0.5		

COLOR CODE:

2007	2008	2009	2010	2011
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All red font results are averages of same day sam
Only used RL's below or equal to 1.0.

8/12/2009	636	<3
8/18/2009		<1.0
9/9/2009		0.1636
9/16/2009		<1
9/16/2009		<3
9/22/2009	85	<1.0
10/5/2009		<3
10/26/2009		<1
11/4/2009		<1
11/5/2009	30	<3
11/13/2009		0.4408
11/17/2009		<1.0
12/1/2009		3.4
2/17/2010	17.9	2.7
3/17/2010		1.3
4/13/2010	576	<1.0
5/4/2010		0.0782
6/2/2010	33	<1.0
6/9/2010		0.92
7/8/2010		<1
7/8/2010		4.7
7/13/2010		<1
7/13/2010		<1.0
8/10/2010		<3
8/10/2010		E0.153
9/14/2010		<0.2 U
9/14/2010		<0.2 U
10/4/2010		<3
11/2/2010		<0.2 U
11/3/2010		<1
11/3/2010		<3
12/7/2010		<3
3/15/2011		1.5
4/4/2011		0.35
4/6/2011		<3
5/4/2011		<1
5/8/2011		<3
6/7/2011		0.95
6/14/2011		<1.0
6/30/2011		<3
7/19/2011		<1.0
8/1/2011		<3
8/16/2011		<1.0
8/31/2011		0.04
9/7/2011		<3
9/7/2011		<1

Samples at other three gages were not high on this date. Sample is similar to next sample

9/13/2011	<1.0
10/7/2011	<3
10/18/2011	<1.0
11/2/2011	<3
11/2/2011	<1.0
11/10/2011	0.16
12/7/2011	<3
1/5/2012	3.4
3/7/2012	3.9
4/3/2012	0
5/2/2012	0
5/7/2012	0
5/15/2012	
5/15/2012	
6/2/2012	0
8/6/2012	0
9/4/2012	0
10/2/2012	0.175
10/3/2012	0
10/4/2012	0.255
11/7/2012	0
12/10/2012	4.3
1/7/2013	3.4
2/7/2013	3.4
3/11/2013	3.8
4/10/2013	0
4/16/2013	2.4
4/17/2013	0.774
4/18/2013	
4/19/2013	0.682
4/20/2013	1.56
4/21/2013	1.26
4/22/2013	1.33
4/23/2013	1.02
4/24/2013	0.756
4/25/2013	0.67
4/26/2013	0.504
4/27/2013	
4/28/2013	
4/29/2013	
4/30/2013	
5/1/2013	
5/2/2013	
5/3/2013	
5/4/2013	
5/5/2013	
5/6/2013	

Jan. Pb	Feb Pb	Mar Pb	Apr Pb	May Pb	June Pb	July Pb	Aug Pb	Sept Pb
3.4	3.4	3.9	1.5	1.5	1.5	1.5	1.5	1.5
3.4	1.5	3.8	1.5	1.5	1.5	3.2	1.5	1.5
1.5		1.5	2.4	1.5	2.4		4.2	1.5
			0.774	1.18	0.77			
			0.682	6.7				
			1.56	0.131				
			1.26	0.345				
			1.33	0.427				
			1.02					
			0.756					
			0.67					
			0.504					
			7.8					

COLOR CODE:

2012	2013	2014		
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All red font results are averages of same
Report limit for DPW is 3.0. Used 1.5 for
All of EPA's samples were 2.4 or lower.

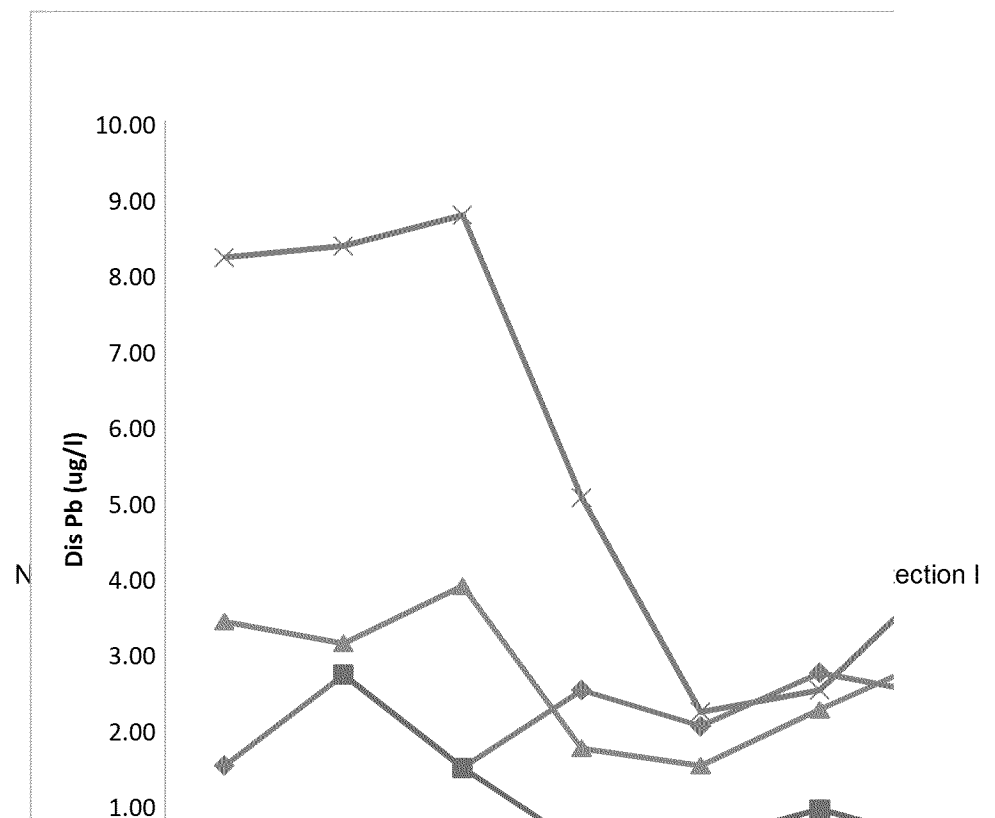
5/7/2013	0
5/7/2013	
5/8/2013	
5/9/2013	
5/10/2013	
5/11/2013	
5/12/2013	
5/13/2013	
5/14/2013	1.18
5/14/2013	
5/15/2013	
5/16/2013	
5/17/2013	
5/18/2013	
5/19/2013	
5/20/2013	
5/21/2013	
5/22/2013	
5/23/2013	
5/24/2013	
5/25/2013	
5/26/2013	
5/27/2013	
5/28/2013	
5/29/2013	
5/30/2013	
5/31/2013	
6/1/2013	
6/2/2013	
6/3/2013	
6/4/2013	
6/5/2013	0
6/5/2013	
6/6/2013	
6/7/2013	
6/8/2013	
6/9/2013	
6/10/2013	
6/11/2013	
6/12/2013	
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6/14/2013	
6/15/2013	
6/16/2013	
6/17/2013	
6/18/2013	
6/19/2013	

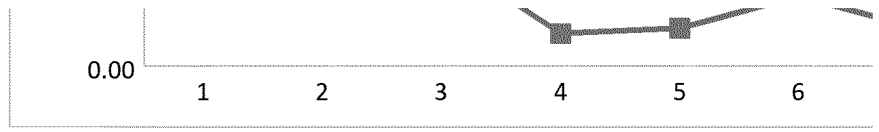
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7/9/2013	
7/10/2013	
7/11/2013	
7/12/2013	
7/13/2013	
7/14/2013	
7/15/2013	
7/16/2013	
7/17/2013	
7/18/2013	
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9/10/2013	0
10/2/2013	0
11/8/2013	0
12/13/2013	
1/8/2014	0
2/7/2014	0
3/5/2014	0
4/10/2014	7.8
5/1/2014	6.7
5/5/2014	
5/13/2014	0.131
5/21/2014	0.345
5/27/2014	0.427
6/6/2014	4.6
6/6/2014	1.09
6/13/2014	0.77

6/23/2014	
7/1/2014	3.2
7/2/2014	
7/11/2014	
7/20/2014	
7/26/2014	
7/30/2014	
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10/2/2014	0
11/7/2014	5
12/5/2014	

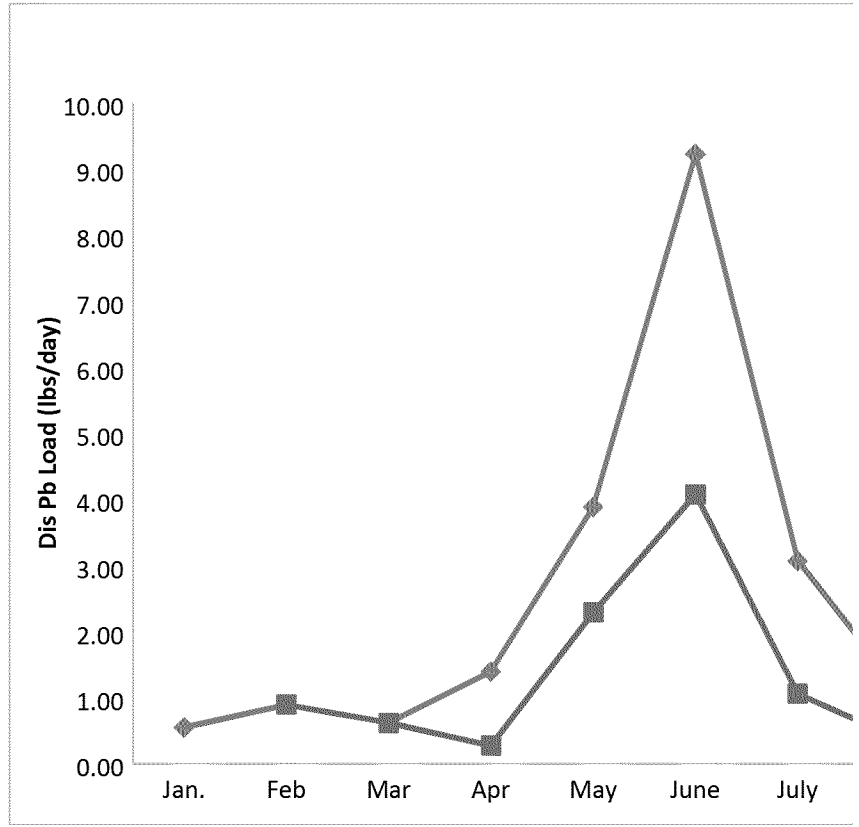
Oct Nov Dec

	Jan.	Feb	Mar	Apr	May
85% DPb 2007-2011 with Questionable DOW data	1.50	2.70	1.47	2.50	2.02
85% DPb 2007-2011 without Questionable DOW data		2.70	1.47	0.43	0.50
Ave. Hardness 2007-2011	284	352	305	185	109
Table Value Std. 2007-2011	7.68	9.60	8.27	4.89	2.75
Average Pb 2006-2011 with Questionable DOW data	1.50	2.70	1.40	1.35	0.97
Average Pb 2006-2011 without Questionable DOW data		2.7	1.40	0.27	0.57
Ave. monthly flows 2007-2011 (cfs)	69	62	82	192	743
dPb Load 2007-2011 with Questionable DOW data lbs/day	0.56	0.90	0.62	1.40	3.89
dPb Load 2007-2011 without Questionable DOW data lbs/day		0.90	0.62	0.28	2.29





Oct Nov Dec



its up to 3.0 ug/l.

Oct	Nov	Dec
Pb	Pb	Pb
0.5	0.0429	1.5
1.5	1	0.3985
7.9	9.3	16.2

Ave DPb 2007-2011

85% DPb 2007-2011 with
Questionable DOW data
Hardness 2007-2011

Jan.	Feb	Mar	Apr	May
1.50	2.70	1.40	1.35	0.97
1.50	2.70	1.47	2.50	2.02
284	352	305	185	109

0.5	0.50	3.4
1.5	1.5	1.5
0.5	0.4408	1.5
1.5	0.5	
1.5	0.1	
0.5	1	
	0.16	

Pb Standard 2007-2011

7.68

9.60

8.27

4.89

2.75

day samples

CDO data including reporting limit of <3

ses reporting limits up to 1.0 ug/l.

Oct	Nov	Dec
Pb	Pb	Pb
0.5	0.0429	0.3985
0.5	0.5	3.4
0.5	0.50	
0.5	0.4408	
	0.5	
	0.1	
	0.5	
	0.5	
	0.16	

	Jan.	Feb	Mar	Apr	May
Ave DPb 2007-2011		2.70	1.40	0.27	0.57
85% DPb 2007-2011 without		2.70	1.47	0.43	0.50
Questionable DOW data					
Hardness 2007-2011	284	352	305	185	109
Pb Standard 2007-2011	7.68	9.60	8.27	4.89	2.75

ples

e from EPA.

Oct Pb	Nov Pb	Dec Pb
0.175	1.5	4.3
1.5	1.5	
0.255	5	
1.5		
1.5		

Ave DPb 2012-2014
85% DPb 2012-2014

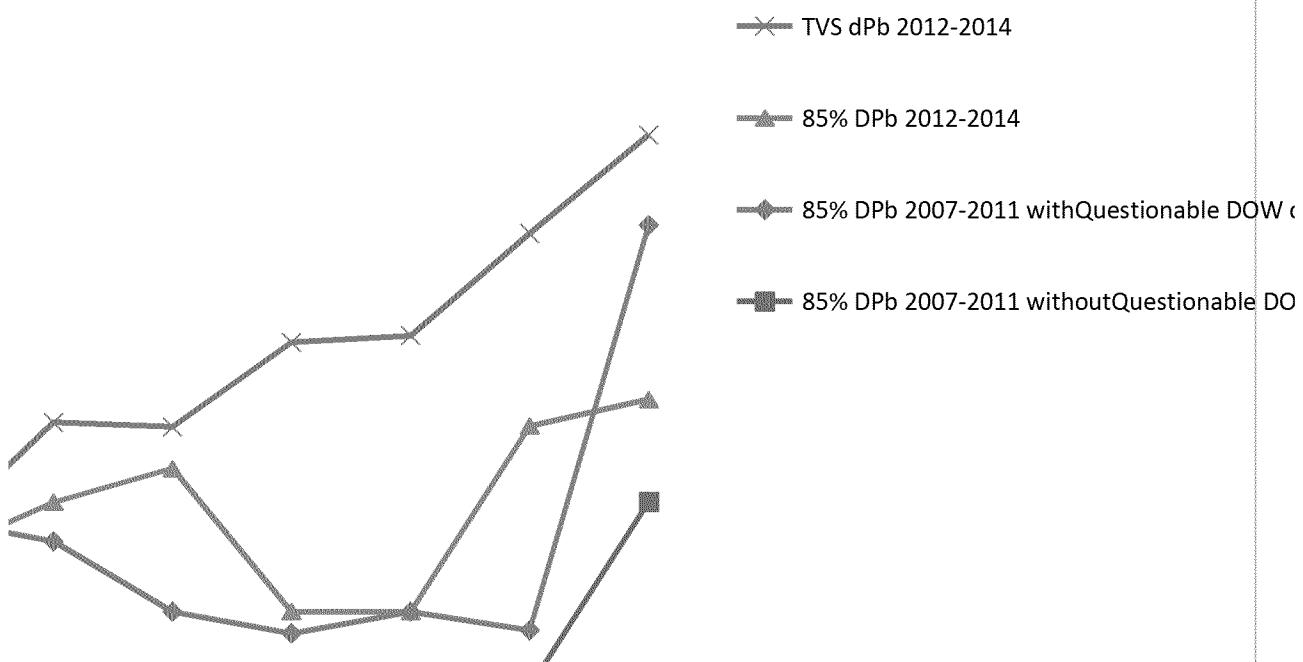
Hardness 2012-2014
TVS dPb 2012-2014

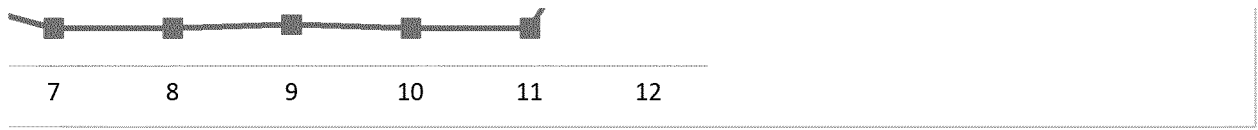
Jan.	Feb	Mar	Apr	May
2.77	2.45	3.07	1.67	1.66
3.40	3.12	3.87	1.73	1.50
303	308	323	191	89
8.20	8.35	8.77	5.04	2.21

day samples
0.

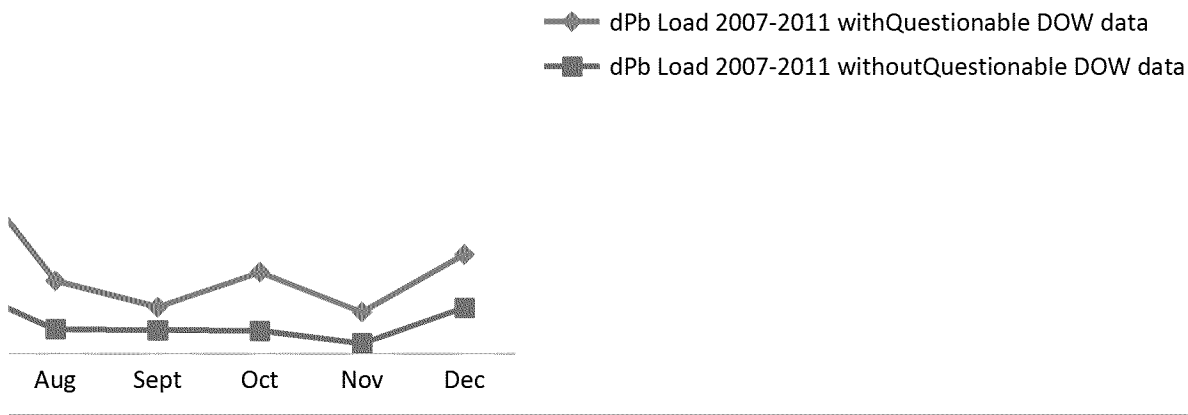
June	July	Aug	Sept	Oct	Nov	Dec
2.73	2.43	1.50	1.22	1.50	1.25	6.60
0.92	0.50	0.50	0.55	0.50	0.50	2.95
66	108	154	203	210	241	262
1.59	2.74	4.03	5.39	5.60	6.45	7.05
1.43	1.18	1.01	0.92	1.77	1.41	4.08
0.63	0.41	0.34	0.47	0.50	0.36	1.90
1194	481	203	143	130	84	68
9.23	3.07	1.11	0.71	1.24	0.64	1.51
4.08	1.06	0.37	0.36	0.35	0.16	0.70

Dis Pb Conc. at A72





Dis Pb Load at A72



June	July	Aug	Sept	Oct	Nov	Dec
1.43	1.18	1.01	0.92	1.77	1.41	4.08
2.73	2.43	1.50	1.22	1.50	1.25	6.60
66	108	154	203	210	241	262

1.59 2.74 4.03 5.39 5.60 6.45 7.05

June	July	Aug	Sept	Oct	Nov	Dec
0.63	0.41	0.34	0.47	0.50	0.36	1.90
0.92	0.50	0.50	0.55	0.50	0.50	2.95
66	108	154	203	210	241	262
1.59	2.74	4.03	5.39	5.60	6.45	7.05

June	July	Aug	Sept	Oct	Nov	Dec
1.65	2.35	2.40	1.50	0.99	2.67	4.30
2.24	2.95	3.39	1.50	1.50	3.95	4.30
99	153	151	191	194	242	288
2.50	4.00	3.94	5.05	5.14	6.49	7.79

data

W data

[illegible]

08/05/98	
08/05/98	
9/2/1998	1102.0
9/2/1998	
09/09/98	
09/09/98	
09/30/98	2178.0
10/07/98	
10/07/98	
11/10/98	
11/10/98	
11/13/1998	2213
12/02/98	
12/02/98	
01/06/99	
01/06/99	
02/04/99	
02/04/99	
02/19/99	0.0
03/03/99	
03/03/99	
04/07/99	
04/07/99	
4/8/1999	2051.3
04/30/99	0.0
05/06/99	
05/06/99	
6/3/1999	535.77
06/09/99	
06/09/99	
6/23/1999	1986.0
07/07/99	
07/07/99	
08/04/99	
08/04/99	
08/19/99	
8/26/1999	838.67
09/01/99	
09/01/99	
10/06/99	
10/06/99	
11/03/99	
11/03/99	
11/30/1999	2589.9
12/01/99	
12/01/99	
01/05/00	

01/05/00	
02/02/00	
02/02/00	
03/01/00	
03/01/00	
04/05/00	
04/05/00	
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07/05/00	
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08/02/00	
8/9/2000	2190.1
8/18/2000	1870
09/06/00	
09/06/00	
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10/04/00	
11/01/00	
11/01/00	
11/7/2000	2784.4
12/1/2000	3050
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01/03/01	
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02/07/01	
02/07/01	
03/14/01	
03/14/01	
3/20/2001	3170
04/04/01	
04/04/01	
4/30/2001	1299
05/02/01	

05/02/01	
5/30/2001	550.11
06/06/01	
06/06/01	
07/06/01	
07/06/01	
08/01/01	
08/01/01	
8/10/2001	1025.82
8/21/2001	1210
09/05/01	
09/05/01	
10/03/01	
10/03/01	
11/1/2001	2679.82
11/06/01	
11/06/01	
12/05/01	
12/05/01	

DATE dailyAL_TOT
 flow_CFS

4/5/06	2647
4/19/2006	1326.78
5/10/06	905
05/10/2006	954
5/24/2006	
5/24/2006	643.186
6/6/06	463
6/21/2006	
7/12/06	965
07/12/2006	781
8/2/06	939
8/16/2006	
9/6/06	437
09/06/2006	1780
9/27/2006	1388.01
10/11/06	678
10/31/2006	1586.16
11/1/06	1108
11/01/2006	1750
12/5/06	2274
12/6/2006	
1/11/07	2693
4/2/07	2101
4/16/2007	1723
05/11/2007	815

Jan.	Feb	Mar	Apr	May	June	July	Aug	Sept
AI	AI	AI	AI	AI	AI	AI	AI	AI
2693	4440	3940	2101	755	1829	680	1079	1800
		3310	1723	891	488	838	1095	1492
			1031	958	679	592	1244	2109
			1950	995	585	559	1848	1581

5/11/2007	695
5/15/2007	
5/16/2007	890.5
07/11/2007	772
7/11/2007	587
7/12/2007	
7/18/2007	837.7
8/6/2007	1079
09/05/2007	1800
10/4/2007	
10/25/2007	1486
11/6/2007	1894
11/07/2007	1900
11/7/2007	1479
12/5/2007	2305
05/07/08	1260.0
5/7/2008	655
5/12/2008	
5/14/2008	995.4
6/3/2008	1786
6/3/2008	1872
07/09/08	436.0
7/9/2008	748
8/5/2008	86 1095
8/6/2008	
8/14/2008	1244
09/03/08	1540.0
9/3/2008	1444
10/6/2008	2295
10/22/2008	
11/7/2008	2907
12/2/2008	2978
12/3/2008	2893
4/29/2009	1031
5/13/2009	1840
5/13/2009	2045
5/18/2009	3060
6/10/2009	
6/12/2009	488
6/16/2009	679
7/8/2009	556
7/8/2009	561
7/14/2009	812
7/21/2009	1096
8/10/2009	
8/12/2009	636 1848
8/18/2009	2080

2610	1943	1427	812	2080	2080
2113	3060	4100	1096	1122	2180
	1281	1200	794	701	1697
	2220	679	1090	1370	2070
	1406		597	1730	

COLOR CODE:

2007 2008 2009 2010 2011

All red font are averages of same day sam

9/9/2009	2109
9/16/2009	1500
9/16/2009	1661
9/22/2009	85 2080
10/5/2009	2310
10/26/2009	
11/4/2009	2490.0
11/5/2009	30 2497
11/13/2009	2778
11/17/2009	2750
12/1/2009	3350
2/17/2010	17.9 4440
3/17/2010	3940
4/13/2010	576 1950
5/4/2010	1281
6/2/2010	33 585
6/9/2010	1427
7/8/2010	900.0
7/8/2010	687
7/13/2010	
7/13/2010	1090
8/10/2010	1183
8/10/2010	1060
9/14/2010	2180
10/4/2010	2413
11/2/2010	2540
11/3/2010	2120.0
11/3/2010	1868
12/7/2010	2937
3/15/2011	3310
4/4/2011	2610
4/6/2011	2113
5/4/2011	2220
5/8/2011	1406
6/7/2011	4100
6/14/2011	1200
6/30/2011	679
7/19/2011	597
8/1/2011	701
8/16/2011	1370
8/31/2011	1730
9/7/2011	1613
9/7/2011	1780
9/13/2011	2070
10/7/2011	1851
10/18/2011	1800
11/2/2011	2330

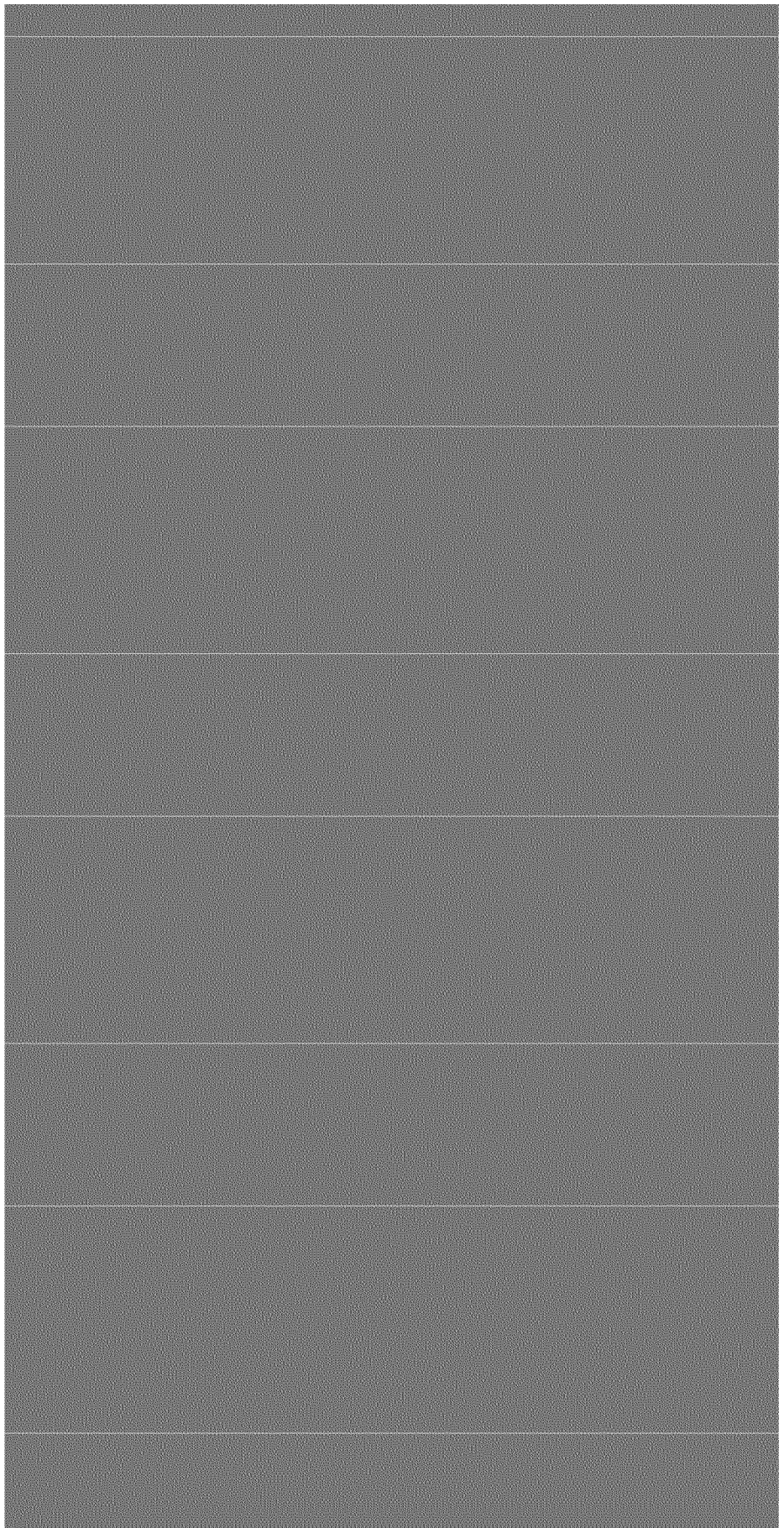
reversed total versus dis. on chron worksheet

outlier?



5/10/2013		
5/11/2013		
5/12/2013		
5/13/2013		
5/14/2013	938	
5/14/2013		
5/15/2013		
5/16/2013		
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5/23/2013		
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5/27/2013		
5/28/2013		
5/29/2013		
5/30/2013		
5/31/2013		
6/1/2013		
6/2/2013		
6/3/2013		
6/4/2013		
6/5/2013	484	
6/5/2013		
6/6/2013		
6/7/2013		
6/8/2013		
6/9/2013		
6/10/2013		
6/11/2013		
6/12/2013		
6/13/2013		
6/14/2013		
6/15/2013		
6/16/2013		
6/17/2013		
6/18/2013		
6/19/2013		
6/20/2013		
6/21/2013		
6/22/2013		
6/23/2013		

6/24/2013	
6/25/2013	
6/26/2013	
6/27/2013	
6/28/2013	
6/29/2013	
6/30/2013	
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7/2/2013	
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7/7/2013	2117
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7/9/2013	
7/10/2013	
7/11/2013	
7/12/2013	
7/13/2013	
7/14/2013	
7/15/2013	
7/16/2013	
7/17/2013	
7/18/2013	
8/4/2013	1466
9/10/2013	1968
10/2/2013	1187
11/8/2013	2380
12/13/2013	3105
1/8/2014	3431
2/7/2014	4659
3/5/2014	4799
4/10/2014	1996
5/1/2014	1740
5/5/2014	2340
5/13/2014	1030
5/21/2014	1400
5/27/2014	768
6/6/2014	968
6/6/2014	951
6/13/2014	518
6/23/2014	387
7/1/2014	618
7/2/2014	442
7/11/2014	529



Oct Nov Dec

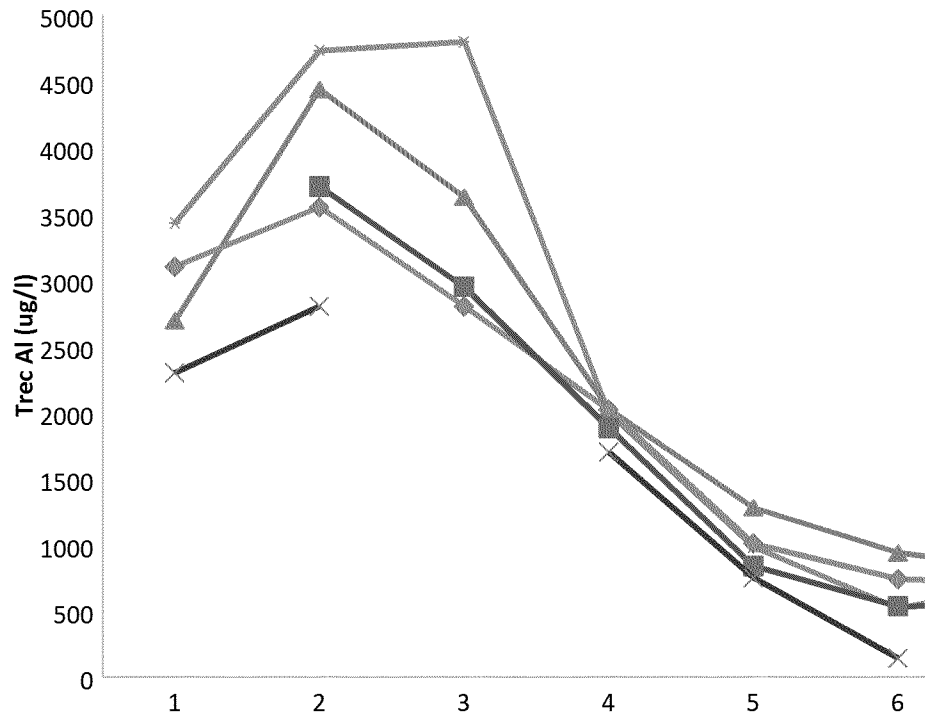
2010.0

Jan. Feb Mar Apr May

Site Spec Trec Al Std	3100	3550	2800	2020	1010
Ave. Trec Al 1991-mid 1996	2300	2800		1700	750
50th Trec Al 1991-mid 1996	2300	2800		1700	750

Ave. monthly flows 1991-mid 1996 (cfs)	62	63	74	160	688
---	----	----	----	-----	-----

Trec Al Load 1991-mid 1996 lbs/day	764	945		1469	2783
---------------------------------------	-----	-----	--	------	------

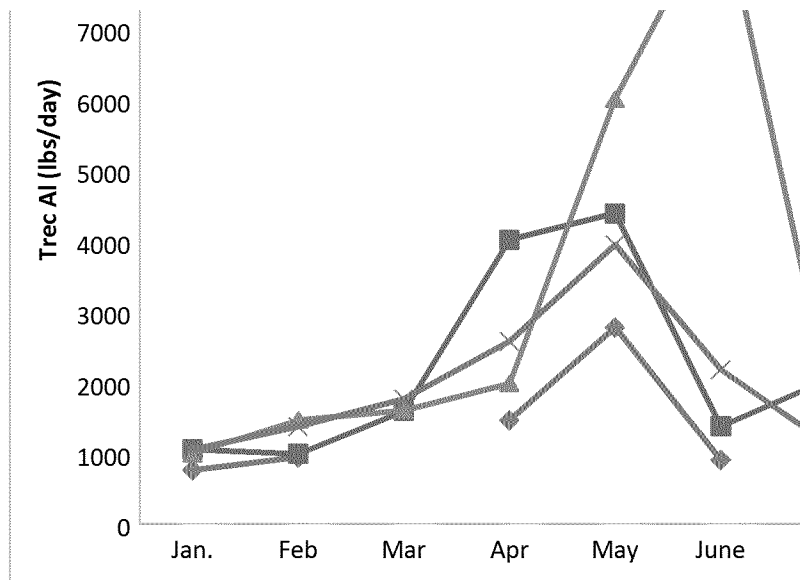


Notes: Data is very limited for 1991-1996 period and some months are missing da

Trec

10000
9000
8000





Oct	Nov	Dec		Jan.	Feb	Mar	Apr	May
Al	Al	Al						
	2213	3050	50th Trec Al 1998-2001		3707	2949	1881	839
	2589.9		Ave. Trec Al 1998-2001		3707	2949	1778	1043
	2784.4							
	2679.82		Ave. monthly flows 1998-2001 (cfs)	65	53	63	167	715
			Trec Al Load 1998-2001 lbs/day		1056	994	1602	4021

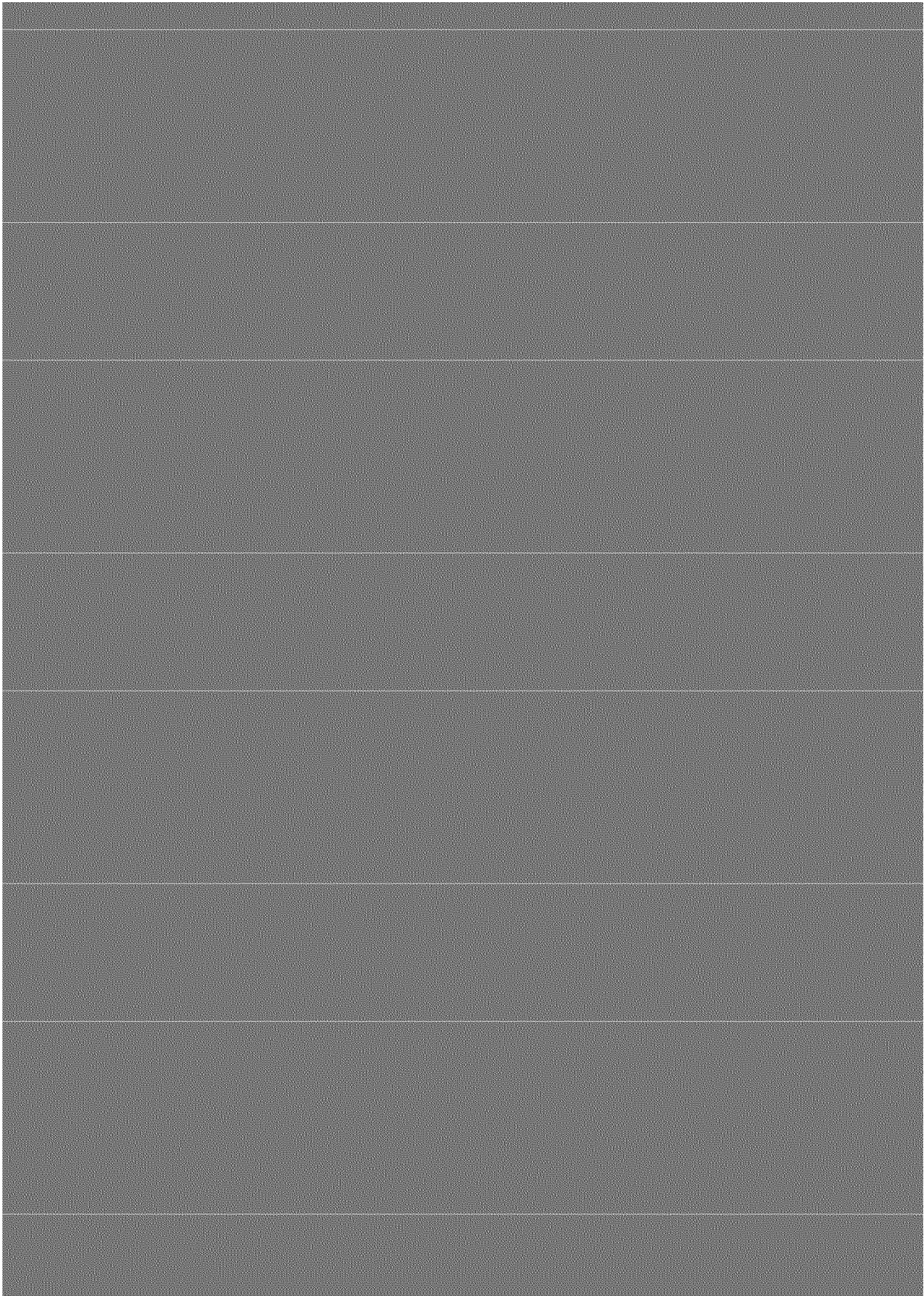
Oct	Nov	Dec	
AI	AI	AI	50th Trec AI 2007-2011
1486	1894	2305	Ave. Trec AI 2007-2011
2295	1690	2978	
2310	2907	2893	Ave. monthly flows
2413	2490	3350	2007-2011 (cfs)

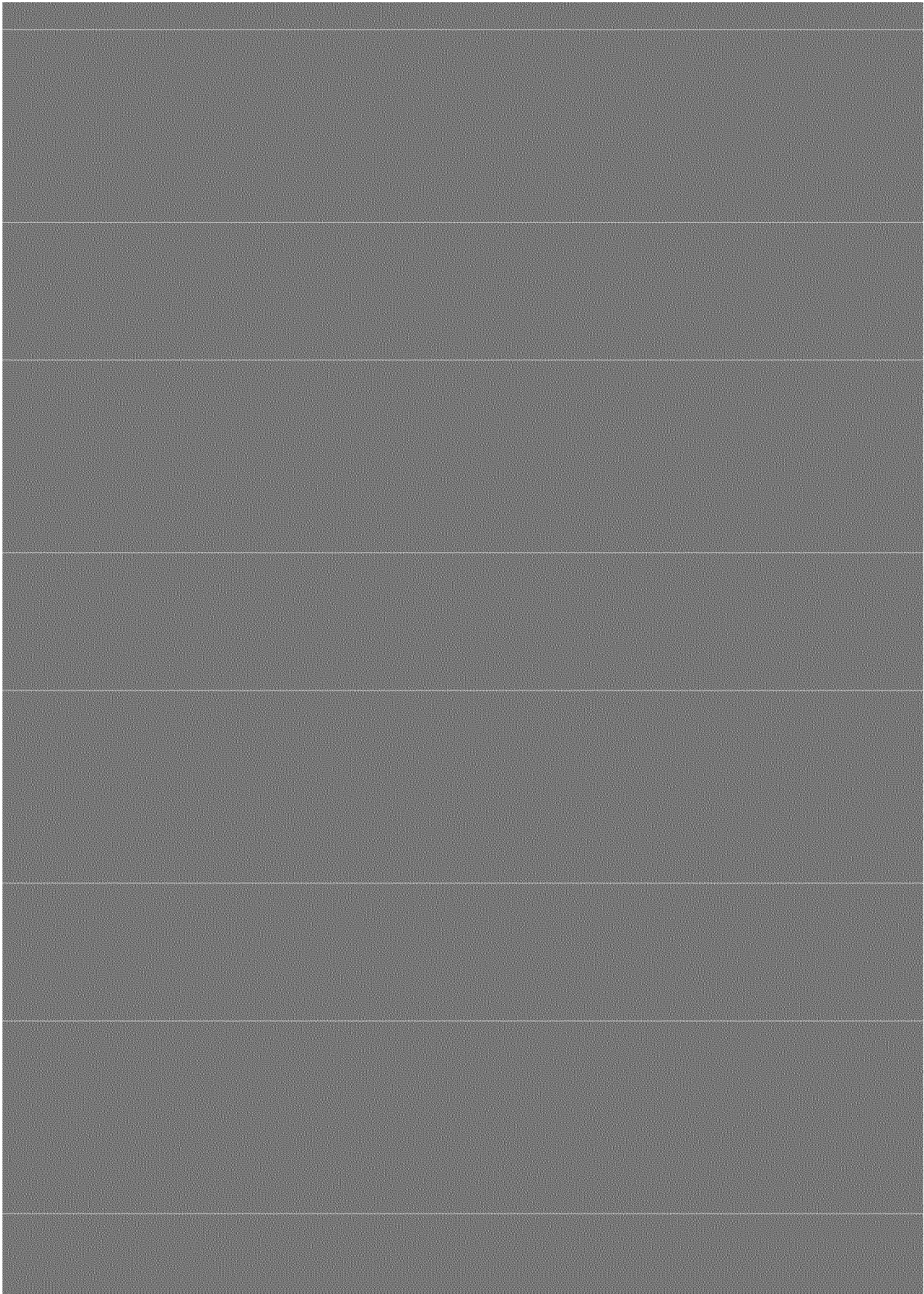
Jan.	Feb	Mar	Apr	May
2693	4440	3625	2026	1281
2693	4440	3625	1921	1501
69	62	82	192	743

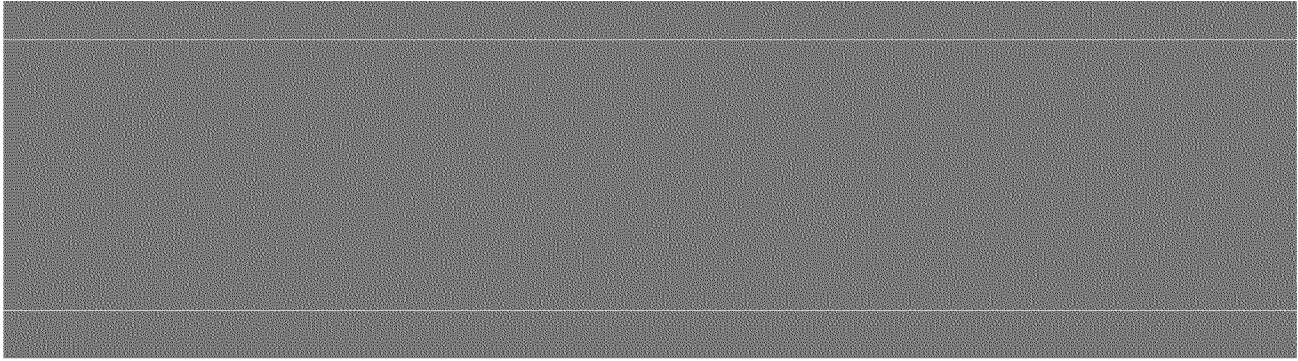
[illegible]



Oct	Nov	Dec		Jan.	Feb	Mar	Apr	May
Al	Al	Al	50th Trec Al 2012-2014	3431	4734	4799	1996	984
2620	2653	5993	Ave. Trec Al 2012-2014	3523	4734	4283	2245	1137
2428	2380	3105						
2710	2100		Ave. monthly flows	56	54	77	213	644
1187			2012-2014 (cfs)					
1433								
			Trec Al Load 2012-2014	1056	1378	1768	2580	3950
			lbs/day					

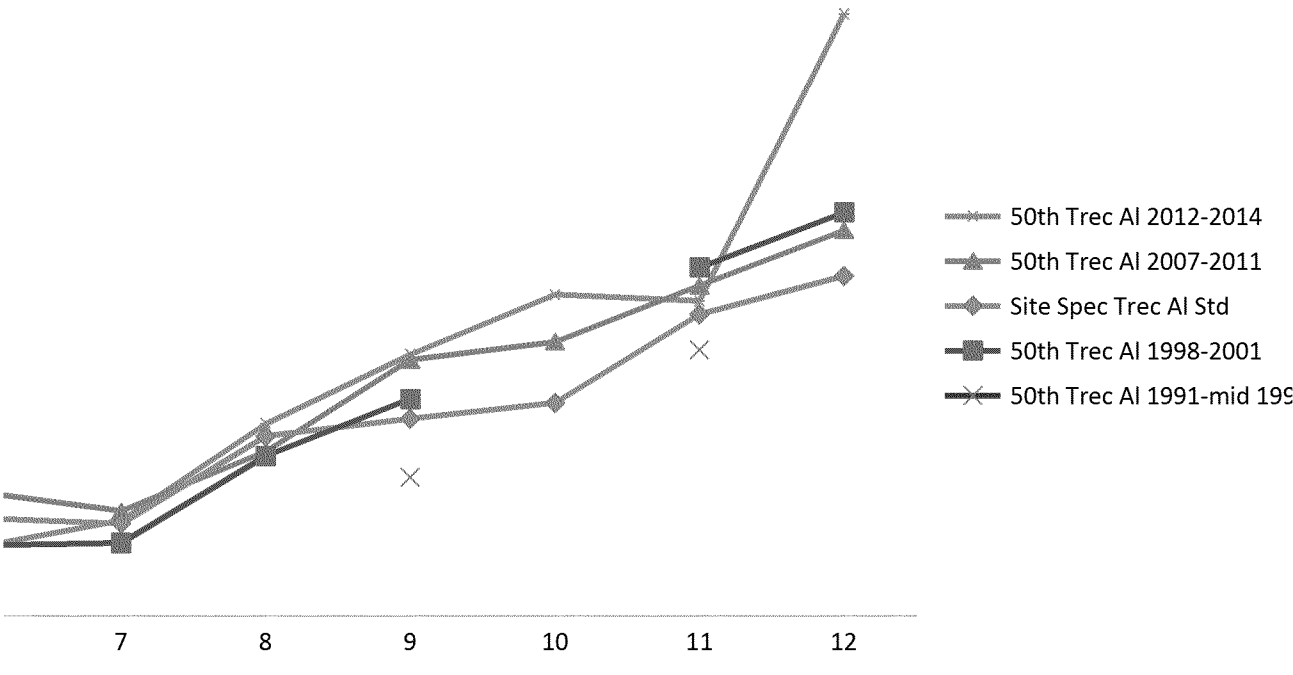




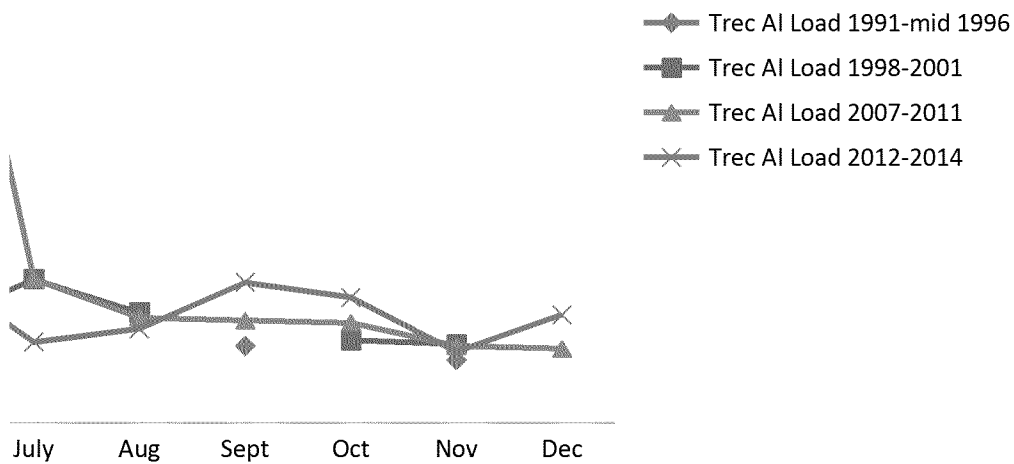


June	July	Aug	Sept	Oct	Nov	Dec
740	700	1360	1490	1610	2280	2570
145			1132		2010	
145			1050		2010	
1158	679	278	179	110	82	65
905			1090		892	

Trec Al Conc. at A72



c Al Load at A72



[REDACTED]

[REDACTED]

[REDACTED]

June	July	Aug	Sept	Oct	Nov	Dec	[REDACTED]
940	794	1244	1935	2073	2497	2915	
1373	784	1363	1876	2026	2412	2859	
1194	481	203	143	130	84	68	

8839 2035 1492 1451 1420 1087 1054

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

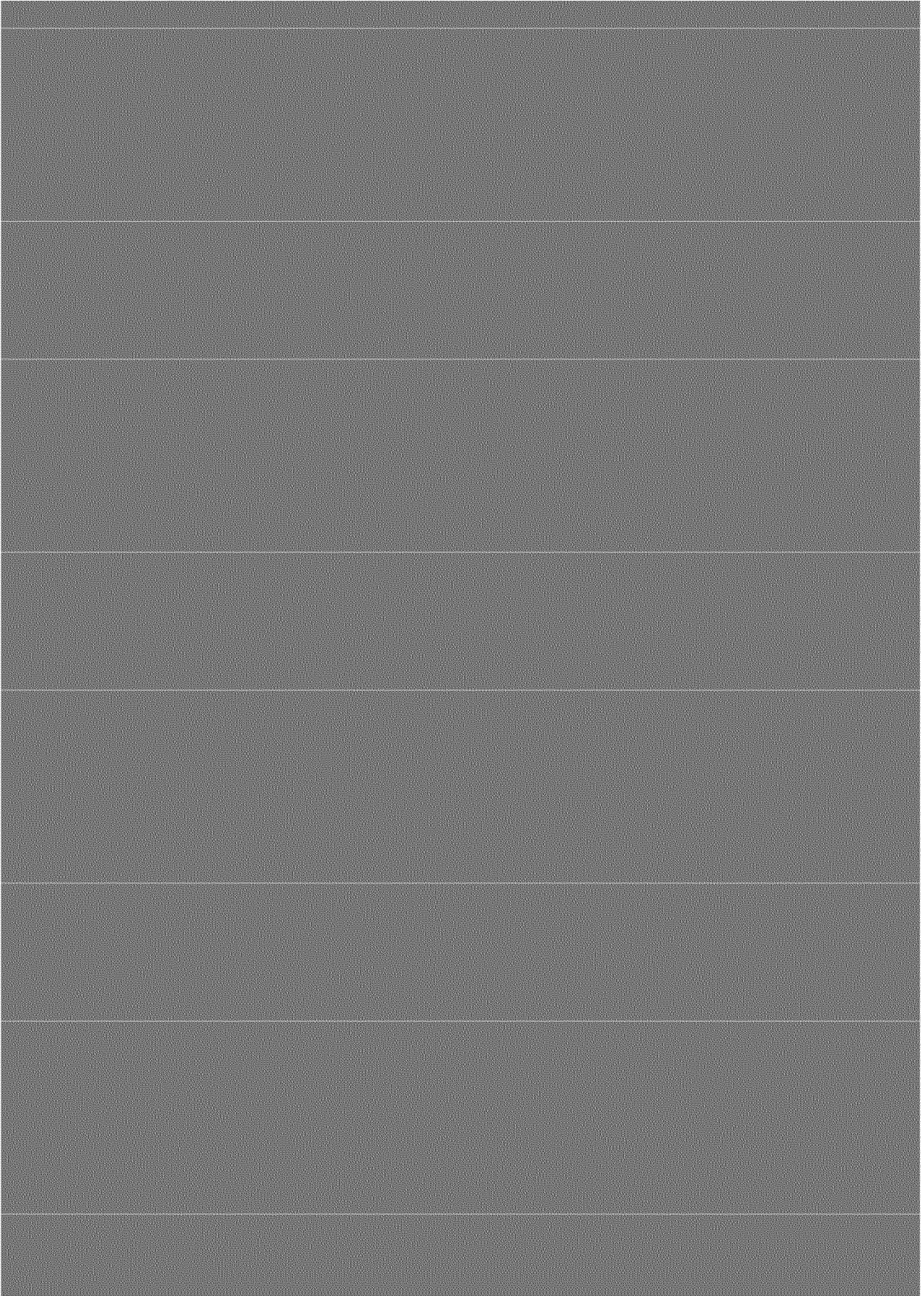
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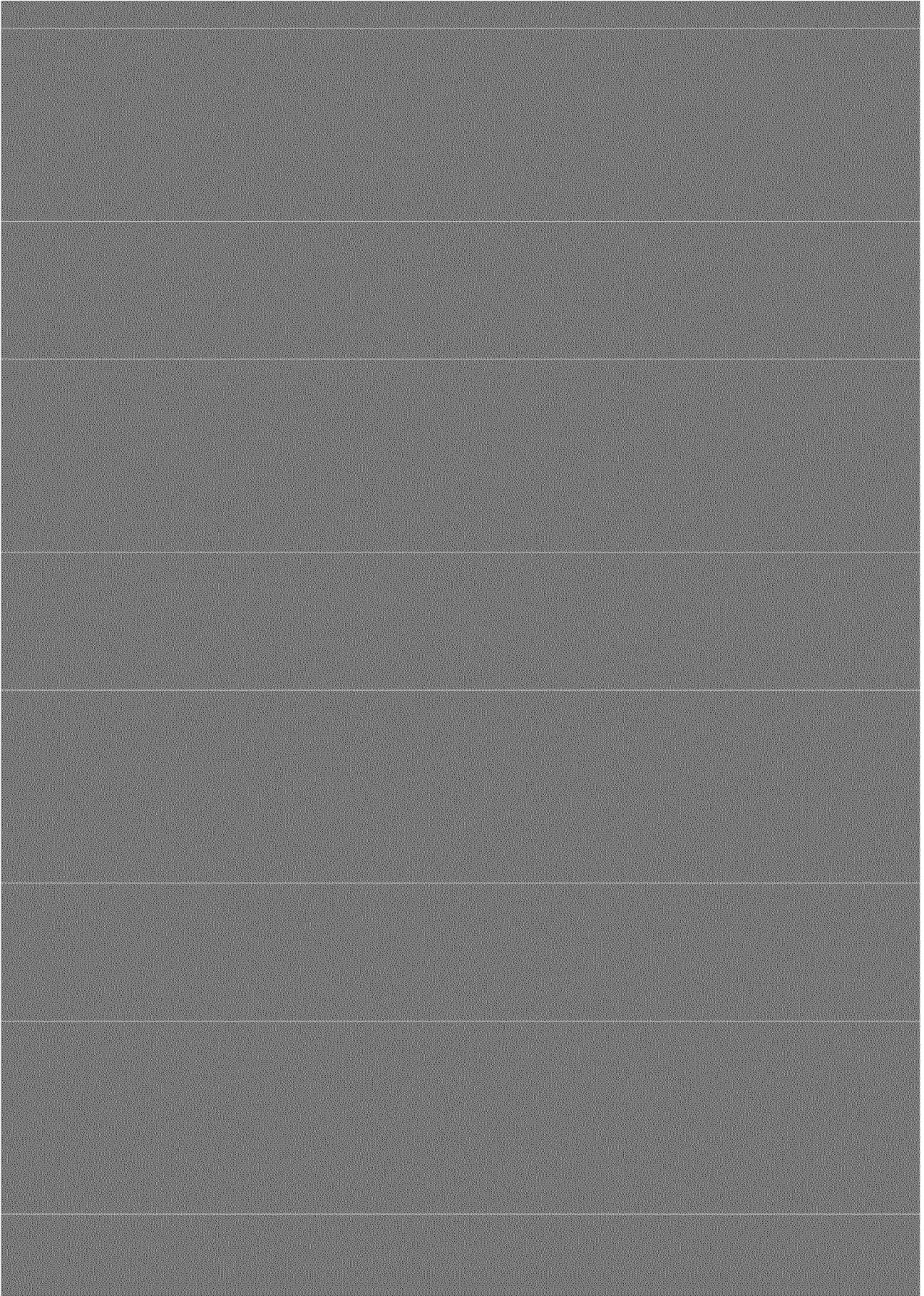
[REDACTED]

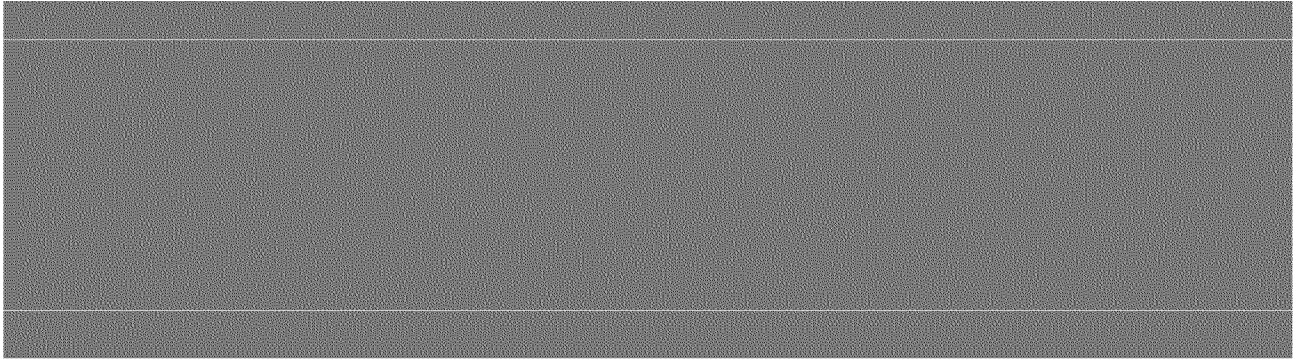
[REDACTED]

[REDACTED]

June	July	Aug	Sept	Oct	Nov	Dec
518	722	1455	1976	2428	2380	4549
576	853	1423	1821	2076	2378	4549
703	250	174	203	159	79	62
2182	1148	1333	1990	1776	1007	1530







[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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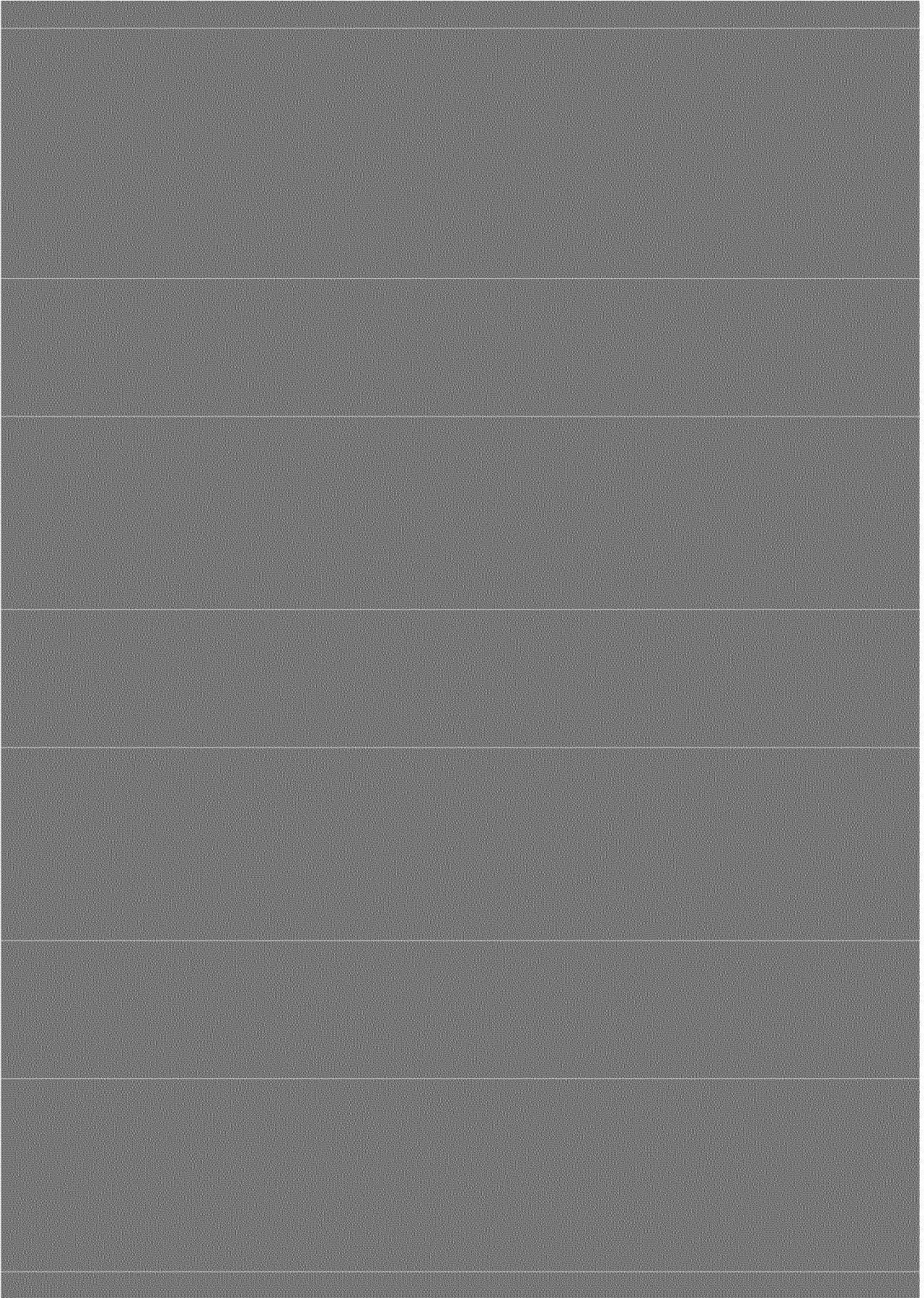
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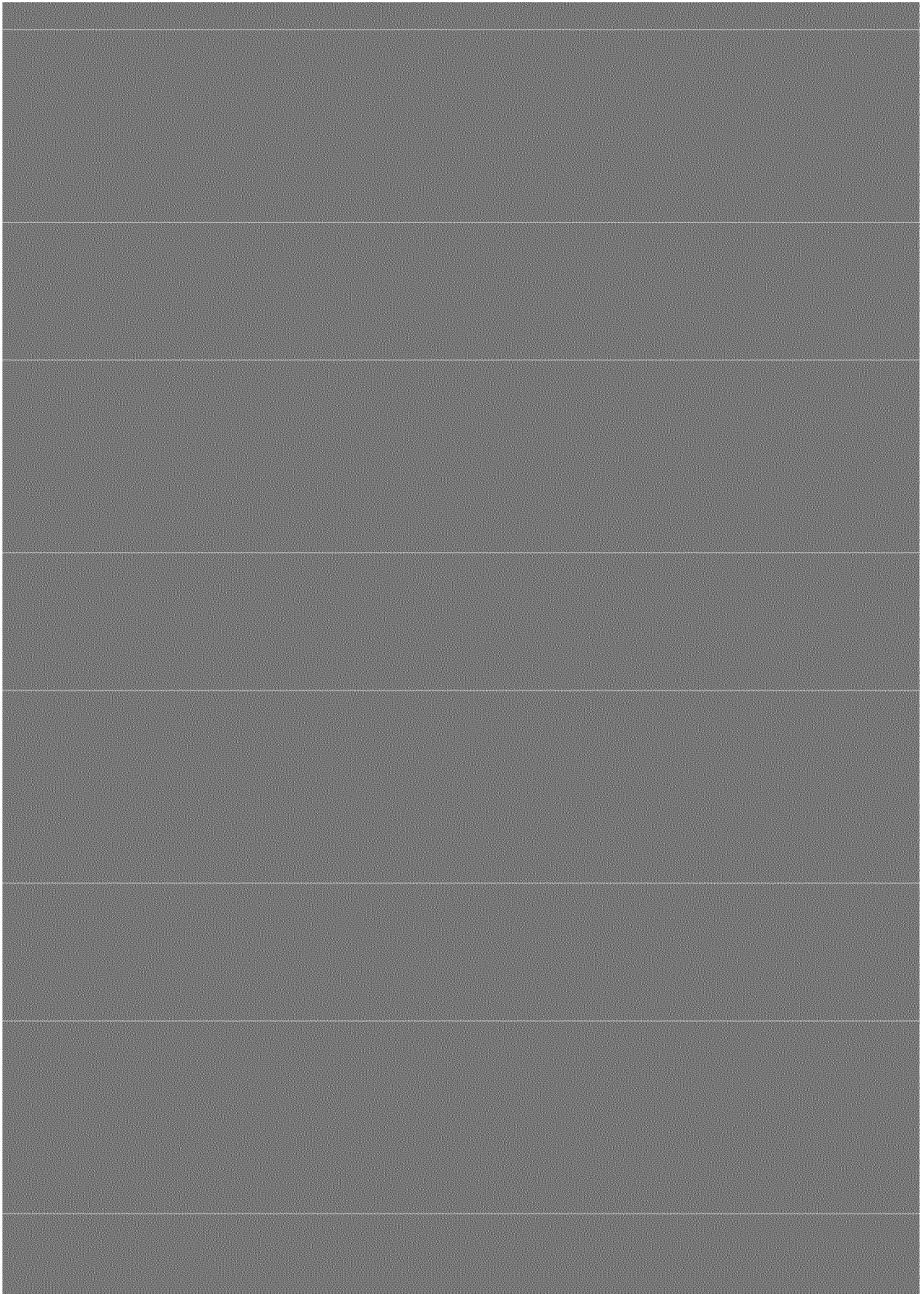
[REDACTED]

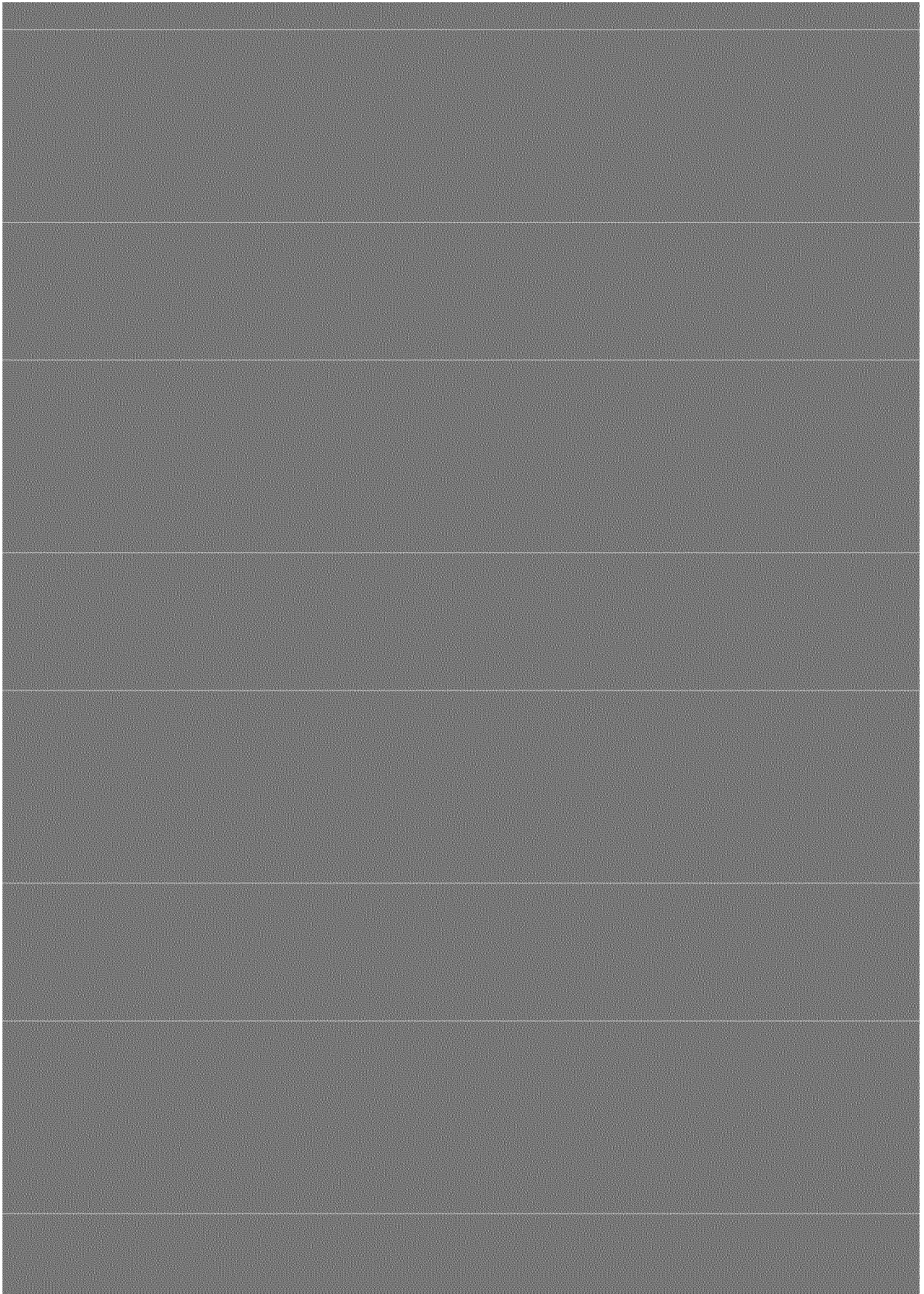
[REDACTED]

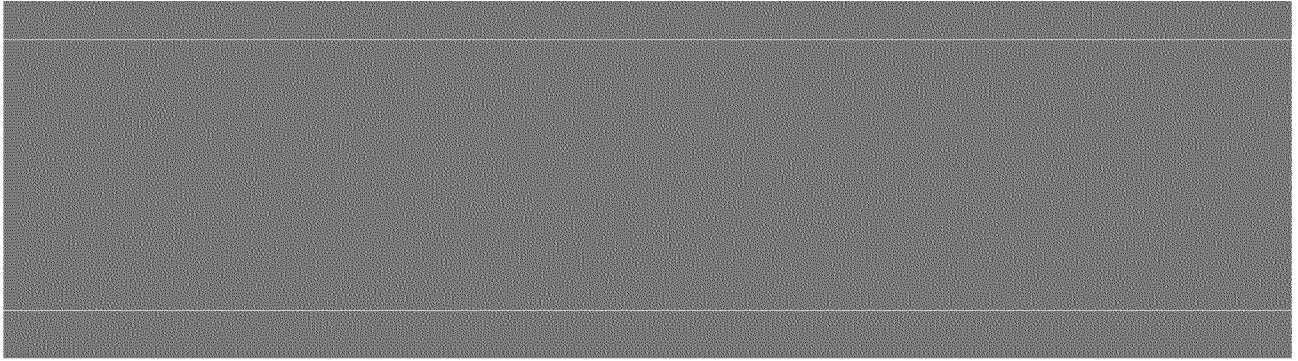
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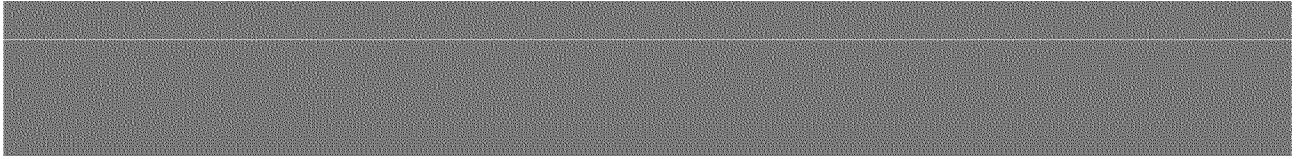
[REDACTED]











[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

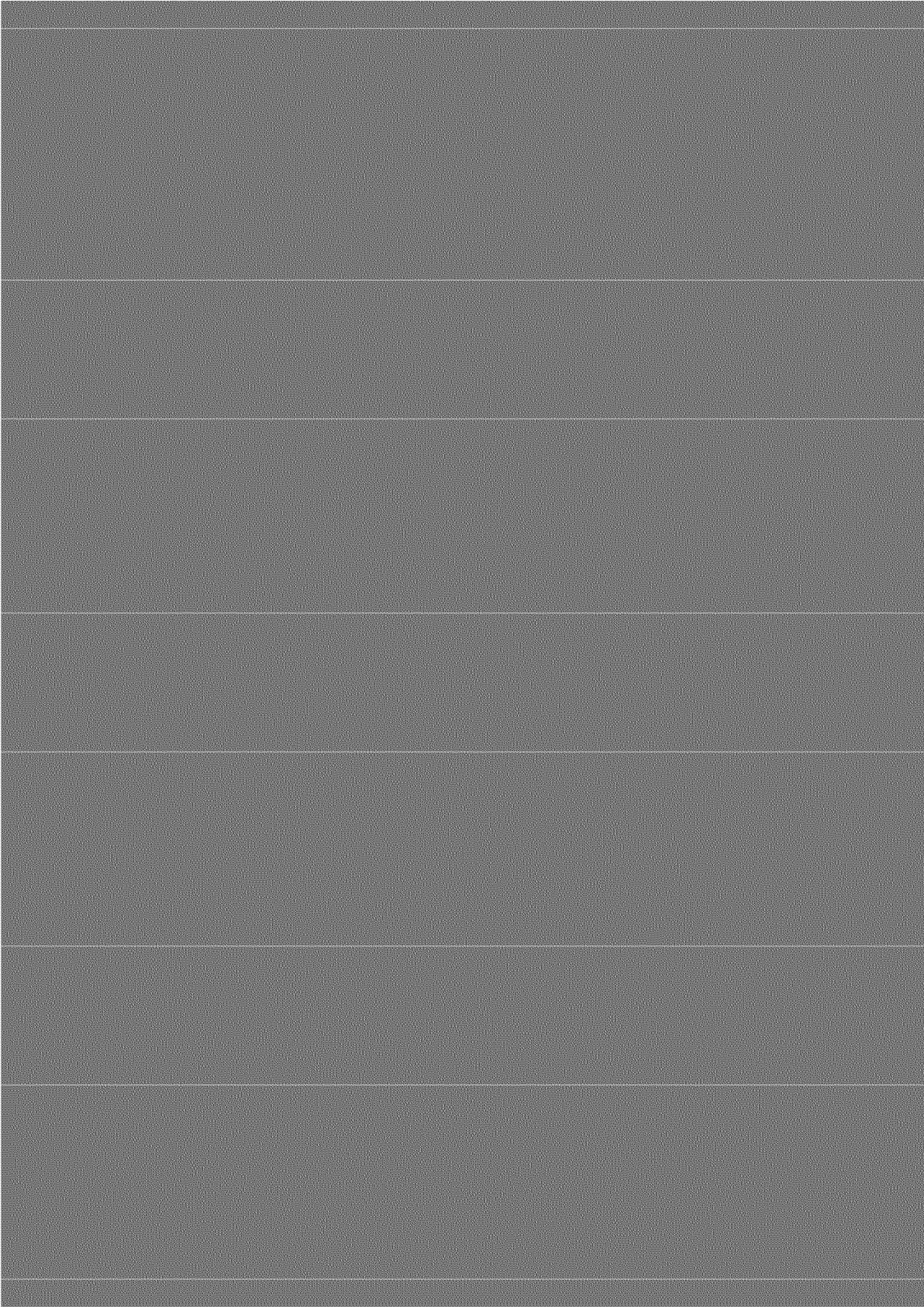
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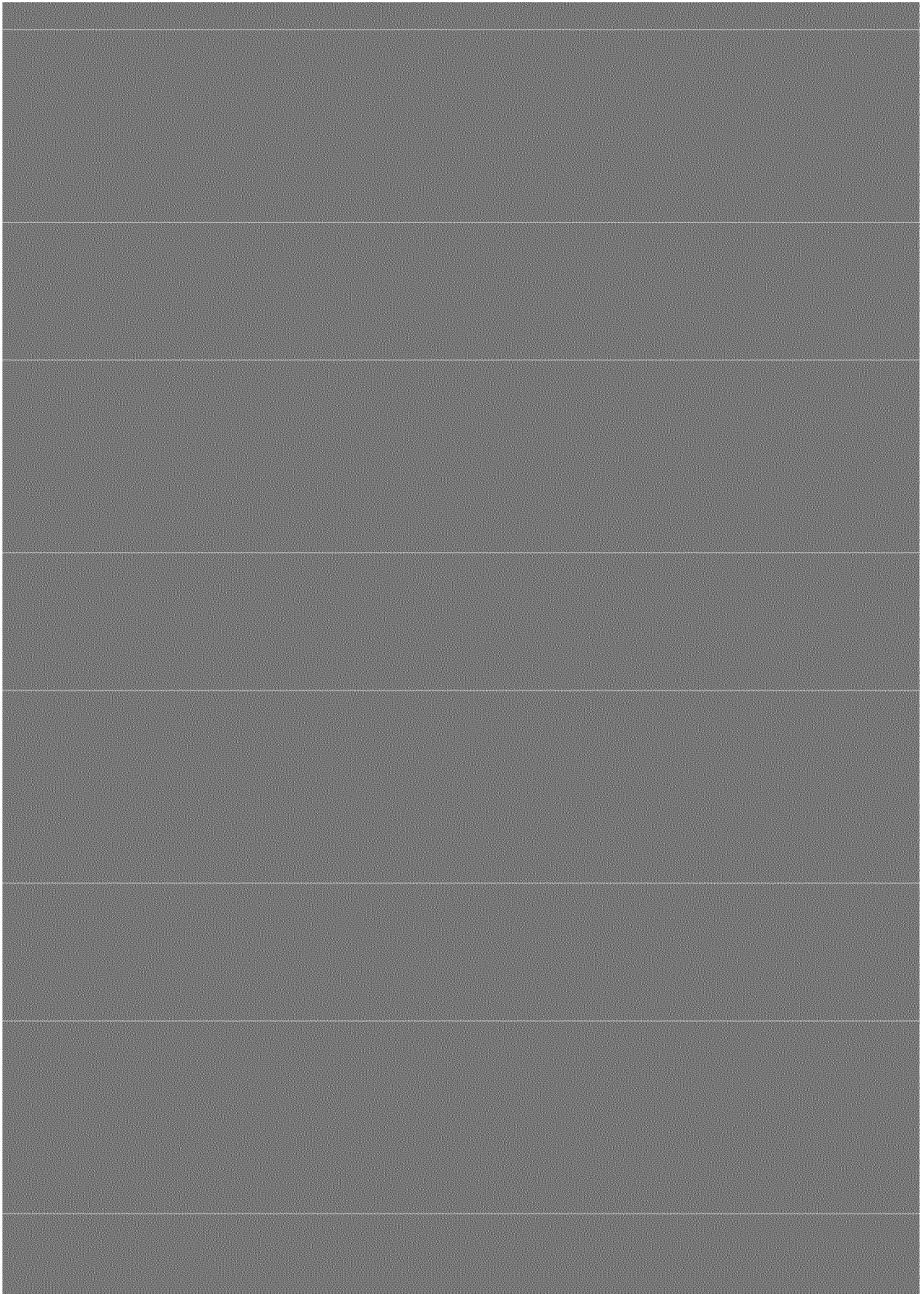
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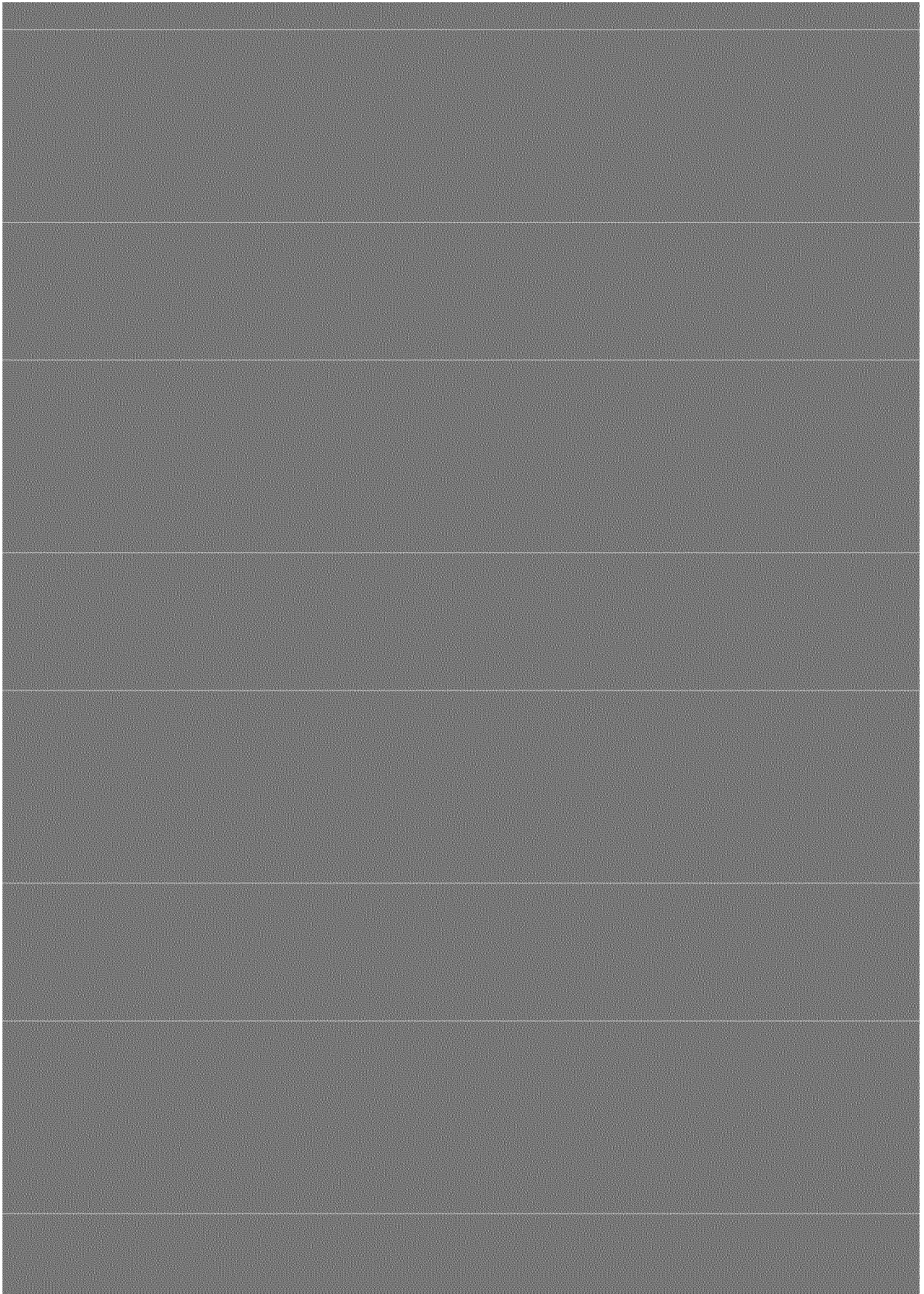
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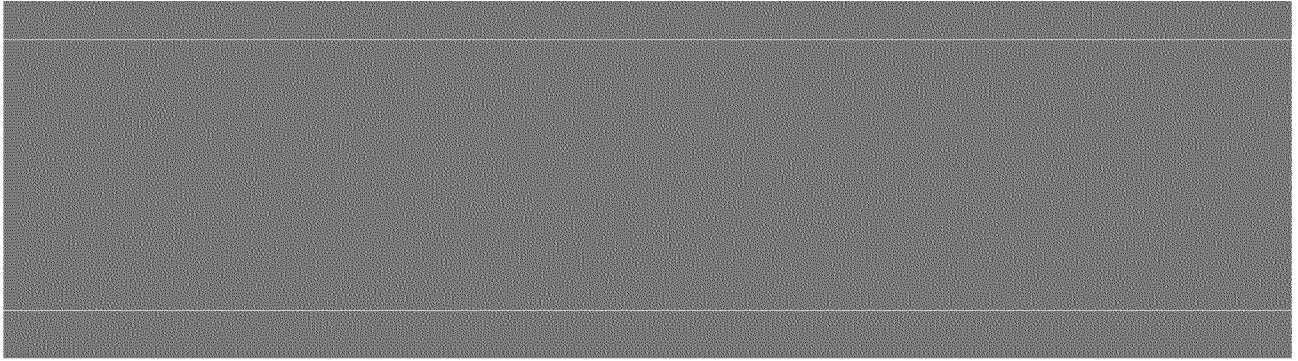
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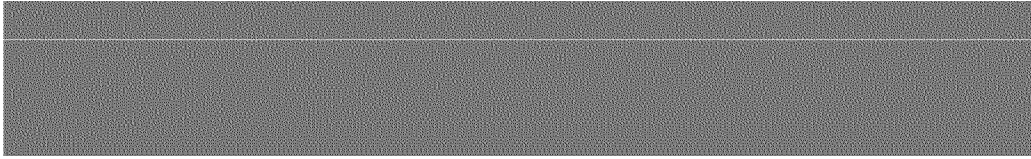
[REDACTED]











[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

